

**From:** [andrea.mcghan@westonsolutions.com](mailto:andrea.mcghan@westonsolutions.com)  
**To:** [Ferreira, Steve](#)  
**Cc:** [jim.soukup@westonsolutions.com](mailto:jim.soukup@westonsolutions.com); [Devorak, Coleen](#); [jason.schindler@westonsolutions.com](mailto:jason.schindler@westonsolutions.com)  
**Subject:** Hatco Site (PI# G000003943) - AOC 25 Channel D GP-12 Permit Application  
**Date:** Monday, December 07, 2020 10:20:41 AM

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## andrea.mcghan@westonsolutions.com sent you a secure message

Steve,

For your records, this transmittal provides a copy of a recently submitted GP-12 permit application sent to NJDEP's Div. of Land Resource Protection for the Hatco Site in Woodbridge, NJ. The GP-12 permit is being requested in support of additional sampling in the Channel D wetland, referenced as AOC 25. Two files are included:

- \* Clerk's Copy (this is a full copy of the application)
- \* Online Submittal Confirmation (this file provides confirmation of the online filing with NJDEP)

If you need anything further, please contact Jason Schindler, Jim Soukup or myself.

Thank you,  
Andrea McGahan  
Weston Solutions, Inc.

[Access message](#)

Secured by Accellion



Attachments expire on Jan 06, 2021



## 2 PDFs

Hatco AOC25 FWW GP12\_Clerk Hard Copy.pdf, 2020-12-02 GP-12  
Submittal Confirmation.pdf

This message requires that you sign in to access the message and any file attachments.



**WESTON SOLUTIONS, INC.**  
205 CAMPUS DRIVE  
EDISON, NEW JERSEY 08837  
www.WestonSolutions.com  
732-417-5800 • FAX: 732-417-5801

November 24, 2020

**Via Mail Delivery**

Woodbridge Township  
John M. Mitch, Municipal Clerk  
Municipal Building  
1 Main Street  
Woodbridge, NJ 07095

RE: Freshwater Wetlands General Permit 12  
Application Package  
Hatco AOC 25  
542759 E, 613182 N  
Block 93, Lot 100.011  
Woodbridge Township, Middlesex County, New Jersey

Dear Mr. Mitch:

Weston Solutions, Inc. (Weston or “the Applicant”) is requesting a Freshwater Wetlands (FWW) General Permit (GP) 12 from the New Jersey Department of Environmental Protection (NJDEP) for proposed soil and sediment sampling in a mapped wetland that is Hatco Area of Concern (AOC) 25, which is located on a portion of an off-site property known as Block 93, Lot 100.011 south of Riverside Drive in Woodbridge Township, Middlesex County, New Jersey (Project Site). The proposed action includes the collection of soil and sediment samples from varying depths (including some greater than 3 feet) to facilitate remedial design for the Hatco Site (Block 67, Lot 100.01). Hatco is an active chemical manufacturing plant (Project) and the work triggering this GP-12 permit requirement is a response to the detection of polychlorinated biphenyls (PCBs) and bis (2-ethylhexyl) phthalate (BEHP) in the off-site wetland. BEHP and PCB compounds were historically used or generated at the Hatco plant, although BEHP and PCBs are not unique to Hatco. The wetland is regulated pursuant to the Freshwater Wetlands (FWW) Protection Act Rules (N.J.A.C. 7:7A).

In addition, soil and sediment samples are proposed within the 50-foot regulated riparian zone of Channel D and Crows Mill Creek. These riparian zones are regulated pursuant to the Flood Hazard Area (FHA) Control Act Rules (N.J.A.C. 7:13). The proposed Project complies with Permit-by-rule 44 for surveying activities at N.J.A.C. 7:13-7.44. All soil and sediment sampling will be accomplished using hand-held equipment and no trees will be cleared, cut, and/or removed in the riparian zones of the Project Site. Therefore, this Applicant requests approval from the NJDEP for the proposed Project under the FWW Protection Act Rules only.

The Project Site, defined as the area where sampling within wetland or riparian zones will take place, is located to the south of the Hatco Site, across Riverside Drive, encompassing approximately 11.59 acres of the overall 147.3-acre parcel. Hatco has been the focus of past remedial investigations and remedial actions, and is currently an operating chemical manufacturing facility.

The proposed sampling work that is the subject of this application is part of a statutory requirement to complete remedial action by May 2021 for the Hatco case, tracked as NJDEP's Site Remediation Program PI# G000003943. Hatco is also regulated by the United States Environmental Protection Agency (USEPA) Region II under the Toxic Substances Control Act (TSCA).

The surface water feature described as Channel D begins at the culvert on the south side of Riverside Drive. Channel D is a storm water feature that receives runoff from Channels A, B and C – all located on the north side of Riverside Drive. Crows Mill Creek extends across Riverside Drive onto the Hatco property via a culvert along the south side of the Conrail property and empties into an area of ponded water and common reed (*Phragmites australis*). The area between the Channel D and Crows Mill Creek channels consists largely of deciduous wooded wetlands.

Enclosed with this letter is the FWW GP 12 Checklist to facilitate your review of the application package. The attached application package includes the following;

1. Attachment A – Property owner certification form and documentation that notice was sent to the municipal clerk in accordance with N.J.A.C. 7:7A-17.3(a). Additionally, notice was sent to governmental entities and any property owner within 200 feet of the Project Site in accordance with N.J.A.C. 7:7A-17.3(b) and (c) including the municipal construction official, municipal environmental commission, municipal planning board, county planning board, and the local Soil Conservation District;
2. Attachment B – One (1) set of site plans certified in accordance with N.J.A.C. 7:7A-16.2(j) and prepared according to the Department's site plan specifications for electronic site plans;
3. Attachment C – One (1) set of color photographs depicting the Project Site;
4. Attachment D – The compliance statement that meets the requirements set forth at N.J.A.C. 7:7A-5.7, 7:7A-7.12, 7:7A-20.2, and 7:7A-20.3;
5. Attachment E – Color copies of the property tax map, county road map, USGS quad map, and county soil survey map for the Project Site;
6. Attachment F – The requirements to submit a letter of interpretation (LOI) application;
7. Attachment G – A copy of the NJDEP, Office of Natural Lands Management Natural Heritage Database data request response received on August 14, 2020.





Please review the attached application and contact me at (603) 656-5480 or via email at [Jim.Soukup@WestonSolutions.com](mailto:Jim.Soukup@WestonSolutions.com) to coordinate a date for site review or with any questions you may have regarding this submission. If during your review, you have any questions or comments, please contact this office. In an effort to expedite approvals and make the most efficient use of time, we request that any comments and questions be made via telephone (prior to, or simultaneous with, written comments). This office will respond immediately to your questions.

Sincerely,

**WESTON SOLUTIONS, INC.**

A handwritten signature in blue ink, appearing to read "Jim Soukup", written over a light blue grid background.

Jim Soukup  
Project Manager

Cc:

A. Brown, P.E. (Weston)  
J. Schindler (Weston)  
S. Ferreira (USEPA)  
M. Fisher, LSRP (ELM)  
B. Kellman (EPEC, c/o Kinder Morgan)  
S. Kessel, LSRP (Brown & Caldwell)  
M. Gelin (Woodbridge Township)  
R. Ansari (Lanxess)

Enclosures:

Freshwater Wetlands Application Checklist – General Permit 12-Surveying and Investigating



# State of New Jersey Department of Environmental Protection

Revised: April 15, 2019

Website: [www.nj.gov/dep/landuse](http://www.nj.gov/dep/landuse)



## FRESHWATER WETLANDS APPLICATION CHECKLIST

### General Permit 12— Surveying and investigating

CALL NJDEP AT (609) 777-0454 IF YOU HAVE ANY QUESTIONS

To apply for an authorization under general permit 12, please submit the information below to:

#### Postal Mailing Address

NJ Department of Environmental  
Protection  
Division of Land Use Regulation  
P.O. Box 420, Code 501-02A  
Trenton, New Jersey 08625-0420  
**Attn: Application Support**

#### Street Address (Courier & Hand Carry Only)

NJ Department of Environmental  
Protection  
Division of Land Use Regulation  
501 East State Street  
Station Plaza 5, 2<sup>nd</sup> Floor  
Trenton, New Jersey 08609  
**Attn: Application Support**

#### Electronic Submission

Access the submission system  
at <https://njdeponline.com>. Follow  
the registration process and create  
an account. To submit an  
application, select the service  
"Apply for a Land Use Permit or  
Authorization."

CALL NJDEP AT (609) 777-0454 IF YOU HAVE ANY QUESTIONS

1. A completed [application form](#) (Paper submissions ONLY) **N/A**
2. A completed [Property Owner Certification form](#) (Electronic submissions ONLY) **See Attachment A**
  - Acceptable file formats include pdf, jpg, and png.
3. Public notice: **See Attachment A**
  - **Electronic Submissions:** A completed [Public Notice form](#). Documentation that notice of the application has been provided in accordance with N.J.A.C. 7:7A-17 must be attached to the form (see below for details). Acceptable file formats include pdf, jpg, and png.
  - **Paper Submissions:** Documentation that notice of the application has been provided in accordance with N.J.A.C. 7:7A-17 (see below for details).

Both electronic and paper submissions require documentation of public notice as follows:

i. Notice to municipal clerk (N.J.A.C. 7:7A-17.3(a))

A copy of the entire application, as submitted to the Department, must be provided to the municipal clerk in each municipality in which the site is located. For electronic submissions, the application consists of a description of the project, the specific permit(s)/authorization(s) being sought, and all items that will be uploaded to the online service, including all required items on this checklist.

- Documentation of compliance with this requirement shall consist of a copy of the certified United States Postal Service white mailing receipt, or other written receipt, for each copy of the application sent.

ii. Notice to governmental entities and property owners (N.J.A.C. 7:7A-17.3(b) and (c))

A brief description of the proposed project, a legible copy of the site plan, and the form notice letter described at N.J.A.C. 7:7A-17.3(e)1iii must be sent to the following recipients:

- A. The construction official of each municipality in which the site is located;
- B. The environmental commission, or other government agency with similar responsibilities, of each municipality in which the site is located;
- C. The planning board of each municipality in which the site is located;
- D. The planning board of each county in which the site is located;
- E. The local Soil Conservation District if the regulated activity or project will disturb 5,000 square feet or more of land; and
- F. Adjacent property owners:

Unless the project is one listed at N.J.A.C. 7:7A-17.3(c)1-5 (which require different notice to property owners as described in the rules), notice shall be sent to all owners of real property, including easements, located within 200 feet of the site of the proposed regulated activity.

The owners of real property, including easements, shall be those on a list that was certified by the municipality, with a date of certification no more than one year prior to the date the application is submitted.

- Documentation of compliance with this requirement shall consist of:
  - 1. A copy of the certified United States Postal Service white mailing receipt for each public notice that was mailed, or other written receipt;
  - 2. A certified list of all owners of real property, including easements, located within 200 feet of the property boundary of the site (including name, mailing address, lot, and block) prepared by the municipality for each municipality in which the project is located. The date of certification of the list shall be no earlier than one year prior to the date the application is submitted to the Department; and
  - 3. A copy of the form notice letter.
- The form notice letter required under N.J.A.C. 7:7A-17.3(e)1iii shall read as follows:

*"This letter is to provide you with legal notification that an application for an authorization under freshwater wetlands general permit 12 <<has been/will be>> submitted to the New Jersey Department of Environmental Protection, Division of Land Use Regulation for the development shown on the enclosed plan(s). A brief description of the proposed project follows: <<INSERT DESCRIPTION OF THE PROPOSED PROJECT>>*

*The complete permit application package can be reviewed at either the municipal clerk's office in the municipality in which the site subject to the application is located, or by appointment at the Department's Trenton Office. The Department of Environmental Protection welcomes comments and any information that you may provide concerning the proposed development and site. Please submit your written comments within 15 calendar days of receiving this letter to:*

*New Jersey Department of Environmental Protection  
Division of Land Use Regulation  
P.O. Box 420, Code 501-02A  
Trenton, New Jersey 08625  
Attn: (Municipality in which the property is located) Supervisor"*

iii. Newspaper notice (N.J.A.C. 7:7A-17.4)

Please refer to this portion of the rules for guidance on providing newspaper notice for certain large scale linear, public, or commercial projects.

4. Application fees: **Bill Me Option Selected**

- **Electronic Submissions:** The appropriate application fee, as specified in N.J.A.C. 7:7A-18.1, payable through the online service via credit card or e-check, or to receive a bill, select “Bill Me” on the payment screen. Bills will be sent to the Fee Billing Contact identified in the service and must be paid directly to the Department of Treasury.
- **Paper Submissions:** The appropriate application fee, as specified in N.J.A.C. 7:7A-18.1, in the form of a check (personal, bank, certified, or attorney), money order, or government purchase order made payable to “Treasurer State of New Jersey.”

5. Site plans: **See Attachment B**

All site plans must include the scale of the site plans, a north arrow, the name of the person who prepared the plans, date the site plans were prepared, and the applicant’s name and the block, lot, and municipality in which the site is located. In addition, the site plans shall include the following information, both on and adjacent to the site, in accordance with N.J.A.C. 7:7A-16.7(a)4:

i. Existing features:

- A. Lot Lines and right of-way lines;
- B. Delineation of wetlands, transition areas, and State open waters;
- C. Buildings, structures, and existing roads;
- D. Land cover and vegetation.

ii. Proposed regulated activities:

- A. Changes in lot lines;
- B. Location and area of freshwater wetlands, transition areas, and/or State open waters that will be disturbed, including temporary and permanent disturbance;
- C. Size, location, and detail of soil borings dug by machine;
- D. Details of any restoration of temporarily disturbed areas in accordance with and N.J.A.C. 7:7A-11.8.

iii. Topography:

- A. Existing and proposed topography. All topography must reference NGVD or include the appropriate conversion factor to NGVD.

iv. Soil erosion and sediment control:

- A. Details of any proposed soil erosion and sediment control measures.

- **Electronic Submissions:** Acceptable file formats include pdf and zip. Site plans must be certified in accordance with N.J.A.C. 7:7A-16.2(j) and prepared according to the Department’s [site plan specifications](#) for electronic site plans. All plans must be digitally signed and sealed by a New Jersey licensed professional engineer, surveyor, or architect, as appropriate, pursuant to N.J.A.C. 13:40-7.2 through 7.4, with signatures and seals that meet the requirements of N.J.A.C. 13:40-8.1A. Site plans with electronic signatures, such as scans of site plans with a handwritten signature, will not be accepted.
- **Paper Submissions:** Three sets of site plans, certified in accordance with N.J.A.C. 7:7A-16.2(j). Prior to issuance of any permit, the Department will require four to five sets of final site plans. The site plans must be signed and sealed by a New Jersey licensed professional engineer, surveyor, or architect, as appropriate, pursuant to N.J.A.C. 13:40-7.2 through 7.4.

6. Photographs: **See Attachment C**

- i. Color photographs depicting:
    - A. The existing site conditions; and
    - B. The location of the proposed activities.
  - ii. A photo location map showing the location and direction from which each photograph was taken.
- **Electronic Submissions:** Acceptable file formats include pdf, doc, docx, jpg, zip, ppt, and pptx.
  - **Paper Submissions:** One set of photographs mounted on 8½-inch by 11-inch paper. Copies of photographs are acceptable provided they are color copies. Black and white copies of photographs are not acceptable.

7. A compliance statement that includes the following: **See Attachment D**

- i. A description of the characteristics of the site and the location of all proposed regulated activities, potential impacts from the construction process, and, as applicable, any monitoring or reporting methods that will be used;
  - ii. The total area, in acres, of wetlands and State open waters on the site before the regulated activity is performed, and the total area, in acres, of wetlands and State open waters, on the site that will remain after the regulated activity is performed;
  - iii. A list of all limits and requirements of general permit 12 at N.J.A.C. 7:7A-7.12 that apply to the proposed activities and an explanation of how the activities comply with each requirement;
  - iv. A list of all limits and requirements at N.J.A.C. 7:7A-5.7, Conditions applicable to an authorization pursuant to a general permit-by-certification or a general permit, that apply to the proposed activities and an explanation of how the activities comply with each requirement;
  - v. If a site is known or suspected to be contaminated with toxic substances, and if the Department requests it, a laboratory analysis of representative samples of the soil or sediment on the site;
  - vi. Documentation regarding when the lot that is the subject of the general permit was created by subdivision;
  - vii. A history of the ownership of the property beginning June 30, 1988 to present;
  - viii. A listing of contiguous lots that were in common ownership with the lot on which the activities are proposed and the ownership history of each lot beginning June 30, 1988 to present; **N/A**
  - ix. If the site is located in a municipality with the endangered plant known as swamp pink (*Helonias bullata*), which are listed in [Known Locations of Swamp Pink in NJ](#), a signed statement from the applicant certifying that the proposed activities will not result in any direct or indirect adverse impacts to swamp pink or its documented habitat; **N/A**
  - x. If the site is located in a municipality with the endangered bog turtle (these municipalities are listed in [Known Locations of Bog Turtles in NJ](#)), a signed statement from the applicant, certifying that the proposed activities will not result in any direct or indirect adverse impacts to bog turtles or to their documented habitat; and **N/A**
  - xi. If the site is located in an area designated a Wild and Scenic River, or under study for such designation, a letter from the National Park Service approving the proposed activities. **N/A**
- **Electronic Submissions:** The compliance statement should be uploaded under the attachment type "Environmental Report with Site Location Maps." Acceptable file formats include pdf, doc, docx, rtf, and zip.

8. Color copies of the following maps: **See Attachment E**

- i. The tax map for the property;

- ii. A copy of the portion of the county road map showing the property location; and
  - iii. A copy of the USGS quad map(s) that includes the site, with the site clearly outlined to scale.
- **Electronic Submissions:** The required maps should be uploaded with the compliance statement under the attachment type “Environmental Report with Site Location Maps.” Acceptable file formats include pdf, doc, docx, rtf, and zip.

9. Location of wetlands: **See Attachment F**

The location of wetlands must be provided through one of the following:

- i. Documentation that a line delineation or line verification Letter of Interpretation (LOI) has been issued for the site; or
  - ii. All information necessary for a line delineation or line verification LOI as required by the appropriate LOI checklist, covering the portion of the site that will be affected by the general permit activity.
- **Electronic Submissions:** Acceptable file formats for an LOI include pdf, jpg, and png. If an appropriate LOI has not been issued for the site, the information required for a line delineation or line verification LOI should be included with the compliance statement under the attachment type “Environmental Report with Site Location Maps.”

10. Calculations and analyses: **N/A**

- i. If the project is a major development as defined by N.J.A.C. 7:8-1.2, a demonstration of compliance with the requirements of the Stormwater Management Rules, N.J.A.C. 7:8.

All calculations or analyses submitted as part of an application must include the certification set forth at N.J.A.C. 7:7-23.2(j). Any necessary stormwater calculations must be signed and sealed by a New Jersey licensed professional engineer.

- **Electronic Submissions:** Acceptable file formats include pdf, doc, docx, rtf, and zip unless stormwater calculations are necessary. Stormwater calculations must be digitally signed and sealed in accordance with N.J.A.C. 13:40-8.1A. Stormwater calculations with electronic signatures, such as scans of calculations with a handwritten signature, will not be accepted. Therefore, when calculations are necessary, the acceptable file formats are limited to pdf and zip.

11. Natural Heritage Program Letter: **See Attachment G**

A copy of an NJDEP, Office of Natural Lands Management Natural Heritage Database data request response for endangered or threatened species of flora or fauna, including a Landscape Map report, if available

- **Electronic Submissions:** Acceptable file formats include pdf, jpg, and png.

12. Additional requirements: **N/A**

- i. Proof of ownership, such as a deed, if available – applies only if the current owner purchased the property before June 30, 1988
  - **Electronic Submissions:** Acceptable file formats include pdf, jpg, and png.
- ii. A Phase IA historical and archaeological survey, and an architectural survey, defined at N.J.A.C. 7:7A-1.3 – applies only if the application reflects any of the characteristics at N.J.A.C. 7:7A-19.5(l)
  - **Electronic Submissions:** Acceptable file formats include pdf, doc, docx, rtf, and zip.

- iii. Highlands applicability determination (highlands exemption) – applies only if the project is located within the Highlands Preservation Area
  - **Electronic Submissions:** Acceptable file formats include pdf, jpg, and png.
- iv. Conservation restriction – applies only if the proposed project is subject to an existing conservation restriction
  - **Electronic Submissions:** Acceptable file formats include pdf, jpg, and png.

13. A computer disk containing a copy of the entire application (Paper submissions ONLY) **N/A**

**FRESHWATER WETLANDS GENERAL PERMIT 12  
APPLICATION PACKAGE**

*for the*

**HATCO AREA OF CONCERN (AOC) 25  
SOIL AND SEDIMENT SAMPLING PROJECT  
BLOCK 93, LOT 100.011  
TOWNSHIP OF WOODBRIDGE, MIDDLESEX COUNTY, NEW JERSEY**

*Prepared for*

**NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF LAND USE REGULATION**  
501 East State Street  
Station Plaza 5, 2<sup>nd</sup> Floor  
Trenton, New Jersey 08609

*Prepared by*



**WESTON SOLUTIONS, INC.**  
205 Campus Drive  
Edison, NJ 08837-3939  
P: 732-417-5800; F: 732-417-5801

November 2020

W.O. No. 13067.001.003.4001



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## **LIST OF ATTACHMENTS**

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**ATTACHMENT A – Property Owner Certification and Proof of Notice**

**ATTACHMENT B – Site Plans**

**ATTACHMENT C – Site Photographs**

**ATTACHMENT D – Compliance Statement**

**ATTACHMENT E – Site Maps**

**ATTACHMENT F – Letter of Interpretation (LOI) Requirements**

**ATTACHMENT G – NJDEP Natural Heritage Program Consultation**

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**ATTACHMENT A**

**Property Owner Certification and Proof of Notice**

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New Jersey Department of Environmental Protection  
Land Use Management Program  
Division of Land Use Regulation

**PROPERTY OWNER CERTIFICATION**

**INSTRUCTIONS:** All applicants are required to complete Sections A and B of this form. Applicants who are individual owners of record of the property upon which the activities will occur must also complete Section C.

All other persons who are required to certify to this application in accordance with N.J.A.C. 7:7-23.2(d), N.J.A.C. 7:7A-16.2(d), and N.J.A.C. 7:13-18.2(d) must complete Sections A and C.

Separate forms may be submitted for each signatory, or a single form may be submitted with all required signatures.

**SECTION A. SITE INFORMATION (required)**

Project Name: Hatco AOC 25

Applicant's Name: Weston Solutions, Inc.

Street Address: Riverside Drive

Municipality: Woodbridge Township

County: Middlesex

Zip Code: 08832

Blocks and Lots: Block 93, Lot 100.011

**SECTION B. SIGNATURE OF APPLICANT**

The undersigned applicant hereby certifies that he/she is one of the following: 1) an owner of the site on which the activity is proposed or conducted; 2) an agent designated by the site owner(s) to obtain the permit, verification, or letter of interpretation on the owner's behalf; 3) a representative of a public entity proposing an activity within a right-of-way or easement that is held or controlled by that entity or that will be appropriated by the entity under the power of eminent domain; OR 4) a person with the legal authority to perform the proposed activities.

The undersigned applicant also certifies to the following:

1. Does the application include any activities within an easement or right-of-way? ..... ☐ Yes ☒ No  
If "Yes," has written consent from all easement or right-of-way holders in accordance with  
N.J.A.C. 7:7-23.2(g), 7:7A-16.2(g), and 7:13-18.2(g) been attached to this form? ..... ☐ Yes ☐ No
2. Will any part of the project be located within property belonging to the State of New Jersey? ..... ☐ Yes ☒ No
3. Does the application include activities on any property owned by any public agency that would be encumbered by Green Acres? ..... ☐ Yes ☒ No
4. Does this project require a Section 106 (National Register of Historic Places) Determination as part of a federal approval? ..... ☐ Yes ☒ No

Applicant's Name: Jim Soukup, Weston Solutions, Inc.

Date: 11/23/2020

Applicant's Signature: 

Applicant's Name: \_\_\_\_\_

Date: \_\_\_\_\_

Applicant's Signature: \_\_\_\_\_

Applicant's Name: \_\_\_\_\_

Date: \_\_\_\_\_

Applicant's Signature: \_\_\_\_\_

Applicant's Name: \_\_\_\_\_

Date: \_\_\_\_\_

Applicant's Signature: \_\_\_\_\_



### SECTION C. PROPERTY OWNER'S CERTIFICATION

All individual owners of record of the property upon which the activities will occur must certify to this application unless the applicant is a corporation, partnership, sole proprietorship, municipality, or State, Federal, or other public entity. If the applicant is a corporation, a principal executive officer of at least the level of vice president must certify below. In the case of partnerships and sole proprietorships, a general partner or the proprietor, respectively, is required to certify. For a municipality or for a State, Federal, or other public entity, the certification must be provided by either a principal executive officer or ranking elected official.

A duly authorized representative may sign this application on behalf of any individual who is required to certify provided that the authorization is made in writing and is submitted as part of this application. Please note that in lieu of a property owner's signature, a legal agreement with the current property owner may be attached to this form. Acceptable legal agreements include, but are not limited to, certificates of eminent domain and certificates of inverse condemnation. **Please note that contracts of sale are not considered an acceptable substitute for a property owner's signature.**

*I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining and preparing the information, I believe that the information is true, accurate, and complete.\*\* I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment. I hereby grant permission for the conduct of the proposed activities and consent to allow access to the site by representatives or agents of the Department for the purpose of conducting a site inspection(s) of the property in question.*

Name of Owner/Easement Holder: EPEC Polymers Inc. Date: 11/20/20  
Signature: [Signature]  
Specific Block(s) and Lot(s) Owned: Block 93 Lot 100. D11

Name of Owner/Easement Holder: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Specific Block(s) and Lot(s) Owned: \_\_\_\_\_

Name of Owner/Easement Holder: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Specific Block(s) and Lot(s) Owned: \_\_\_\_\_

Name of Owner/Easement Holder: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Specific Block(s) and Lot(s) Owned: \_\_\_\_\_

Name of Owner/Easement Holder: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Specific Block(s) and Lot(s) Owned: \_\_\_\_\_

Name of Owner/Easement Holder: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Specific Block(s) and Lot(s) Owned: \_\_\_\_\_

**Footnote inserted by property owner:** \*\*EPEC Polymers, Inc. is signing this certification solely as the Owner of the property in question. Weston Solutions, Inc. is the applicant and has prepared this document and all attachments relating to its investigation of a Hatco Area of Concern on EPEC Polymers' property. As such, in signing this Certification, EPEC Polymers, Inc. is reasonably relying on Weston's representations that the information is true, accurate and complete.



New Jersey Department of Environmental Protection  
Land Use Management Program  
Division of Land Use Regulation  
**PUBLIC NOTICE**

**SECTION A. SITE INFORMATION**

Applicant's Name: Weston Solutions, Inc.  
Street Address: Riverside Drive  
Municipality: Woodbridge Township County: Middlesex Zip Code: 08832  
Blocks and Lots: Block 93, Lot 100.011

**SECTION B. STANDARD NOTICE REQUIREMENTS**

Except as provided at item 6 below, public notice of the application shall be provided no more than 30 calendar days prior to submitting the application and no later than the date the application is submitted to the Department.

1. Public notice is required for all of the following (*check all that apply*):

- ☐ A flood hazard area general permit authorization (except general permit 1)
- ☐ A flood hazard area individual permit
- ☐ A flood hazard area verification
- ☐ A coastal general permit authorization
- ☐ A CAFRA individual permit
- ☐ An in-water waterfront development individual permit
- ☐ An upland waterfront development individual permit
- ☐ A coastal wetlands individual permit
- ☐ A freshwater wetlands individual permit
- ☐ A freshwater wetlands transition area waiver
- ☒ A freshwater wetlands general permit authorization (except general permit 15)
- ☐ A freshwater wetlands general permit 15 (**please skip to [Section C](#)**)

2. Has a copy of the entire application been sent to the municipal clerk of each municipality in which the proposed activity or project is located?.....☒ Yes ☐ No

Note: For electronic submissions, the application consists of a description of the project, which must include the lot and block, municipality, and county, the specific permit(s)/authorization(s) being sought, and all items that will be uploaded to the submission service, including all required items on the applicable application checklist(s).

If "**Yes**," did you attach a copy of the certified United States Postal Service white mailing receipt, or other written receipt, and a copy of any letter sent with the application to this form? .....☒ Yes ☐ No

3. Have both a notice letter, including a brief description of the proposed activity or project, and a legible copy of the site plans been sent to the all following applicable agencies? .....☒ Yes ☐ No

- The construction official of each municipality in which the site is located
- The environmental commission, or other government agency with similar responsibilities, of each municipality in which the site is located
- The planning board of each municipality in which the site is located
- The planning board of each county in which the site is located

If "**Yes**," did you attach **both** of the following to this form? .....☒ Yes ☐ No

- A copy of the certified United States Postal Service white mailing receipt or other written receipt
- A copy of the notice letter

4. Is the application for a coastal permit for an activity within the 12-mile circle with Delaware, as described at N.J.A.C. 7:7-1.2(c), or within 200 feet of the 12-mile circle? ..... ☐ Yes ☒ No
- If "Yes," have both a notice letter, including a brief description of the proposed activity or project, and a legible copy of the site plans been sent to the State of Delaware, Department of Natural Resources & Environmental Control, Delaware Coastal Management Program, 89 Kings Highway, Dover, DE 19901? ..... ☐ Yes ☐ No
- If "Yes," did you attach **both** of the following to this form? ..... ☐ Yes ☐ No
- A copy of the certified United States Postal Service white mailing receipt or other written receipt
  - A copy of the notice letter
5. Is the application for a waterfront development individual permit to install a submarine cable in the ocean or to perform sand mining in the ocean? ..... ☐ Yes ☒ No
- If "Yes," have you submitted a description of the project, the specific permit(s)/authorization(s) being sought, and a copy of the NOAA nautical chart showing the proposed cable route or the limits of the proposed sand mining area to **all** of the following entities? ..... ☐ Yes ☐ No
- Garden State Seafood Association
  - National Fisheries Institute
  - North Atlantic Clam Association
  - Rutgers Cooperative Extension
  - New Jersey Shellfisheries Council
  - New Jersey Marine Fisheries Council
6. Does the application include a CAFRA individual permit? ..... ☐ Yes ☒ No
- If "No," skip to Question 7.
- If "Yes," has newspaper notice, consisting of a legal notice or display advertisement, been published in the official newspaper of the municipality in which the site is located or a newspaper of general circulation in the municipality? ..... ☐ Yes ☐ No
- If "Yes," did you attach a copy of the published newspaper notice, the date of publication, and the name of the newspaper to this form? ..... ☐ Yes ☐ No
- If "No," did you verify that a newspaper notice, consisting of a legal notice or display advertisement, will be published in the official newspaper of the municipality in which the site is located or a newspaper of general circulation in the municipality no more than **10 calendar days** after the application is submitted to the Department? ..... ☐ Yes ☐ No
- Note:** A copy of the published newspaper notice, the date of publication, and the name of the newspaper must be submitted to the Department within this timeframe.
7. Does the application include one or more of the activities listed below (**other than those proposed in a freshwater wetlands individual permit application**)? ..... ☐ Yes ☒ No
- A delineation of one-half mile or longer of a regulated water
  - A mosquito control activity subject to flood hazard general permit 2
  - A linear project of one-half mile or longer
  - A shore protection development, including beach nourishment, beach and dune maintenance, or dune creation of one-half mile or longer
  - A public development on a site of 50 acres or more
  - An industrial or commercial development on a site of 100 acres or more
  - A project to remove sediment or debris from a channel of one-half mile or longer
  - Maintenance dredging of a State navigation channel of one-half mile or longer
  - A trail or boardwalk of one-half mile or longer subject to a freshwater wetlands general permit or transition area waiver



If you answered "**No**," to question 7:

Have both a notice letter, including a brief description of the proposed activity or project, and a legible copy of the site plans been sent to all owners of real property, including easements, located **within 200 feet of the property boundary of the site**? ..... ☒ Yes ☐ No

If "**Yes**," did you attach **all** of the following to this form? ..... ☒ Yes ☐ No

- A copy of the certified United States Postal Service white mailing receipt or other written receipt
- A copy of the notice letter
- A certified list of all owners of real property, including easements, within 200 feet of the property boundary, prepared by the municipality with a date of certification no earlier than one year prior to the date of the application

If you answered "**Yes**," to question 7, answer questions I. and II. below:

I. Have both a notice letter, including a brief description of the proposed activity or project, and a legible copy of the site plans been sent to all owners of property, including easements, **within 200 feet of any proposed above-ground structure**? ..... ☐ Yes ☐ No

If "**Yes**," did you attach **all** of the following to this form? ..... ☐ Yes ☐ No

- A copy of the certified United States Postal Service white mailing receipt or other written receipt
- A copy of the notice letter
- A certified list of all owners of real property, including easements, within 200 feet of the property boundary, prepared by the municipality with a date of certification no earlier than one year prior to the date of the application

II. For all applications, **except CAFRA individual permits**, has newspaper notice, consisting of a legal notice or display advertisement been published in the official newspaper of the municipality in which the site is located or a newspaper of general circulation in the municipality? ..... ☐ Yes ☐ No

If "**Yes**," did you attach a copy of the published newspaper notice, the date of publication, and the name of the newspaper to this form? ..... ☐ Yes ☐ No

8. Will the proposed activity or project disturb 5,000 square feet of land or more? ..... ☒ Yes ☐ No

If "**Yes**," have both a notice letter, including a brief description of the proposed activity or project, and a legible copy of the site plans been sent to the local Soil Conservation District? ..... ☒ Yes ☐ No

If "**Yes**," did you attach a copy of the certified United States Postal Service white mailing receipt or other written receipt **and** a copy of the notice letter to this form? ..... ☒ Yes ☐ No

9. Is the proposed activity or project located within the Pinelands Area as designated under the Pinelands Protection Act at N.J.S.A. 13:18A-11(a)? ..... ☐ Yes ☒ No

If "**Yes**," you are also required to complete **Section D** of this form.

10. Does the application include a freshwater wetlands individual permit application? ..... ☐ Yes ☒ No

If "**No**," skip to Question 11.

If "**Yes**," does the proposed project involve more than 10 acres of fill? ..... ☐ Yes ☐ No

If "**Yes**," has newspaper notice been published in a newspaper with regional circulation in the region in which the site is located? ..... ☐ Yes ☐ No

If "**Yes**," did you attach a copy of the published newspaper notice, the date of publication, and the name of the newspaper to this form? ..... ☐ Yes ☐ No

If "**No**," has newspaper notice consisting of a legal notice or display advertisement been published in the official newspaper of the municipality in which the site is located or a newspaper of general circulation in the municipality? ..... ☐ Yes ☐ No

If "**Yes**," did you attach a copy of the published newspaper notice, the date of publication, and the name of the newspaper to this form? ..... ☐ Yes ☐ No

11. Does the application include a flood hazard individual permit based on a hardship exception? ..... ☐ Yes ☒ No
- If "Yes," do all notice letters and published newspaper notices attached to this form (under questions 3, 4, 7, and 8 above, as applicable) include a description of the nature of the hardship as well as the citation and subject matter of each requirement for which the hardship exception is being requested? ..... ☐ Yes ☐ No

### SECTION C. FRESHWATER WETLANDS GENERAL PERMIT 15

This section only applies to applications that include a freshwater wetlands general permit 15.

1. Is the applicant a Federal agency conducting activities on Federal land? ..... ☐ Yes ☐ No
- If "Yes," public notice is not required for this activity.
2. Has a display advertisement describing the proposed activities, at least four column inches in size, been published in a newspaper with local circulation (including the municipality) and in a newspaper with regional circulation (including the county)? ..... ☐ Yes ☐ No
- If "Yes," did you attach a copy of the published newspaper notices, the dates of publication, and the names of the newspapers to this form? ..... ☐ Yes ☐ No

### SECTION D. PINELANDS

This section only applies to applications where the proposed activity or project is located within the Pinelands Area as designated under the Pinelands Protection Act at N.J.S.A. 13:18A-11.a.

1. Does the application include a flood hazard general permit or individual permit? ..... ☐ Yes ☐ No
- If "Yes," has a description of the project, including the lot and block, municipality, county, and specific permit(s)/authorization(s) being sought, been sent to the New Jersey Pinelands Commission? ..... ☐ Yes ☐ No
- If "Yes," did you attach a copy of the certified United States Postal Service white mailing receipt or other written receipt and a copy of any letter provided with the project description to this form? ..... ☐ Yes ☐ No
2. Does the application include a coastal general permit or individual permit? ..... ☐ Yes ☐ No
- If "Yes," has a copy of the entire application been sent to the New Jersey Pinelands Commission? ..... ☐ Yes ☐ No
- Note: For electronic submissions, the application consists of a description of the project, which must include the lot and block, municipality, and county, the specific permit(s)/authorization(s) being sought, and all items that will be uploaded to the submission service, including all required items on the applicable application checklist(s).
- If "Yes," did you attach a copy of the certified United States Postal Service white mailing receipt or other written receipt and a copy of any letter provided with the application to this form? ..... ☐ Yes ☐ No
3. Is the application solely for a freshwater wetlands general permit(s)? ..... ☐ Yes ☐ No
- If "Yes," do not submit the application to the Department. Submit the application to the New Jersey Pinelands Commission.





**WESTON SOLUTIONS, INC.**  
205 CAMPUS DRIVE  
EDISON, NEW JERSEY 08837  
www.WestonSolutions.com  
732-417-5800 • FAX: 732-417-5801

November 24, 2020

**Via Mail Delivery**

Woodbridge Township  
John M. Mitch, Municipal Clerk  
Municipal Building  
1 Main Street  
Woodbridge, NJ 07095

RE: Freshwater Wetlands General Permit 12  
Application Package  
Hatco AOC 25  
542759 E, 613182 N  
Block 93, Lot 100.011  
Woodbridge Township, Middlesex County, New Jersey

Dear Mr. Mitch:

Weston Solutions, Inc. (Weston or “the Applicant”) is requesting a Freshwater Wetlands (FWW) General Permit (GP) 12 from the New Jersey Department of Environmental Protection (NJDEP) for proposed soil and sediment sampling in a mapped wetland that is Hatco Area of Concern (AOC) 25, which is located on a portion of an off-site property known as Block 93, Lot 100.011 south of Riverside Drive in Woodbridge Township, Middlesex County, New Jersey (Project Site). The proposed action includes the collection of soil and sediment samples from varying depths (including some greater than 3 feet) to facilitate remedial design for the Hatco Site (Block 67, Lot 100.01). Hatco is an active chemical manufacturing plant (Project) and the work triggering this GP-12 permit requirement is a response to the detection of polychlorinated biphenyls (PCBs) and bis (2-ethylhexyl) phthalate (BEHP) in the off-site wetland. BEHP and PCB compounds were historically used or generated at the Hatco plant, although BEHP and PCBs are not unique to Hatco. The wetland is regulated pursuant to the Freshwater Wetlands (FWW) Protection Act Rules (N.J.A.C. 7:7A).

In addition, soil and sediment samples are proposed within the 50-foot regulated riparian zone of Channel D and Crows Mill Creek. These riparian zones are regulated pursuant to the Flood Hazard Area (FHA) Control Act Rules (N.J.A.C. 7:13). The proposed Project complies with Permit-by-rule 44 for surveying activities at N.J.A.C. 7:13-7.44. All soil and sediment sampling will be accomplished using hand-held equipment and no trees will be cleared, cut, and/or removed in the riparian zones of the Project Site. Therefore, this Applicant requests approval from the NJDEP for the proposed Project under the FWW Protection Act Rules only.

The Project Site, defined as the area where sampling within wetland or riparian zones will take place, is located to the south of the Hatco Site, across Riverside Drive, encompassing approximately 11.59 acres of the overall 147.3-acre parcel. Hatco has been the focus of past remedial investigations and remedial actions, and is currently an operating chemical manufacturing facility.

The proposed sampling work that is the subject of this application is part of a statutory requirement to complete remedial action by May 2021 for the Hatco case, tracked as NJDEP's Site Remediation Program PI# G000003943. Hatco is also regulated by the United States Environmental Protection Agency (USEPA) Region II under the Toxic Substances Control Act (TSCA).

The surface water feature described as Channel D begins at the culvert on the south side of Riverside Drive. Channel D is a storm water feature that receives runoff from Channels A, B and C – all located on the north side of Riverside Drive. Crows Mill Creek extends across Riverside Drive onto the Hatco property via a culvert along the south side of the Conrail property and empties into an area of ponded water and common reed (*Phragmites australis*). The area between the Channel D and Crows Mill Creek channels consists largely of deciduous wooded wetlands.

Enclosed with this letter is the FWW GP 12 Checklist to facilitate your review of the application package. The attached application package includes the following;

1. Attachment A – Property owner certification form and documentation that notice was sent to the municipal clerk in accordance with N.J.A.C. 7:7A-17.3(a). Additionally, notice was sent to governmental entities and any property owner within 200 feet of the Project Site in accordance with N.J.A.C. 7:7A-17.3(b) and (c) including the municipal construction official, municipal environmental commission, municipal planning board, county planning board, and the local Soil Conservation District;
2. Attachment B – One (1) set of site plans certified in accordance with N.J.A.C. 7:7A-16.2(j) and prepared according to the Department's site plan specifications for electronic site plans;
3. Attachment C – One (1) set of color photographs depicting the Project Site;
4. Attachment D – The compliance statement that meets the requirements set forth at N.J.A.C. 7:7A-5.7, 7:7A-7.12, 7:7A-20.2, and 7:7A-20.3;
5. Attachment E – Color copies of the property tax map, county road map, USGS quad map, and county soil survey map for the Project Site;
6. Attachment F – The requirements to submit a letter of interpretation (LOI) application;
7. Attachment G – A copy of the NJDEP, Office of Natural Lands Management Natural Heritage Database data request response received on August 14, 2020.



Please review the attached application and contact me at (603) 656-5480 or via email at [Jim.Soukup@WestonSolutions.com](mailto:Jim.Soukup@WestonSolutions.com) to coordinate a date for site review or with any questions you may have regarding this submission. If during your review, you have any questions or comments, please contact this office. In an effort to expedite approvals and make the most efficient use of time, we request that any comments and questions be made via telephone (prior to, or simultaneous with, written comments). This office will respond immediately to your questions.

Sincerely,

**WESTON SOLUTIONS, INC.**

A handwritten signature in blue ink, appearing to read "Jim Soukup", written over a light blue grid background.

Jim Soukup  
Project Manager

Cc:

A. Brown, P.E. (Weston)  
J. Schindler (Weston)  
S. Ferreira (USEPA)  
M. Fisher, LSRP (ELM)  
B. Kellman (EPEC, c/o Kinder Morgan)  
S. Kessel, LSRP (Brown & Caldwell)  
M. Gelin (Woodbridge Township)  
R. Ansari (Lanxess)

Enclosures:

Freshwater Wetlands Application Checklist – General Permit 12-Surveying and Investigating



**WESTON SOLUTIONS, INC.**  
205 CAMPUS DRIVE  
EDISON, NEW JERSEY 08837  
[www.WestonSolutions.com](http://www.WestonSolutions.com)  
732-417-5800 • FAX: 732-417-5801

November 24, 2020

Woodbridge Township  
Construction Official  
1 Main Street  
Woodbridge, NJ 07095

RE: Freshwater Wetlands General Permit 12  
Application Package  
Hatco AOC 25  
Block 93, Lot 100.011  
Woodbridge Township, Middlesex County, New Jersey

To Whom It May Concern:

This letter is to provide you with legal notification that an application for authorization under freshwater wetlands general permit 12 has been submitted to the New Jersey Department of Environmental Protection, Division of Land Use Regulation for the site shown on the enclosed plan(s). A brief description of the proposed project follows: to perform soil and sediment sampling at varying depths for the remediation design in the Channel D wetland located in the Hatco Area of Concern (AOC) 25 at Riverside Drive in Woodbridge Township, Middlesex County, New Jersey (Block 93, Lot 100.011). The Channel D wetland is located down gradient from the Hatco Site, an active chemical manufacturing plant

The complete permit application package can be reviewed at either the municipal clerk's office in the municipality in which the site subject to the application is located, or by appointment at the Department's Trenton Office. In addition, an electronic copy of the initial application can be provided via an OPRA request by contacting <https://www.nj.gov/dep/opra/opraform.html> from the Department's Trenton Office. The Department of Environmental Protection welcomes comments and any information that you may provide concerning the proposed development and site. Please submit your written comments within 45 calendar days of receiving this letter to:

NJDEP Department of Environmental Protection  
Division of Land Use Regulation  
P.O. Box 420, Code 501-02A  
Trenton, New Jersey 08625  
Attention: Woodbridge Supervisor

If you have any questions, please contact:

(603) 656-5480  
[Jim.Soukup@WestonSolutions.com](mailto:Jim.Soukup@WestonSolutions.com)



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November 24, 2020

Woodbridge Township  
Environmental Commission  
1 Main Street  
Woodbridge, NJ 07095

RE: Freshwater Wetlands General Permit 12  
Application Package  
Hatco AOC 25  
Block 93, Lot 100.011  
Woodbridge Township, Middlesex County, New Jersey

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P.O. Box 420, Code 501-02A  
Trenton, New Jersey 08625  
Attention: Woodbridge Supervisor

If you have any questions, please contact:

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[Jim.Soukup@WestonSolutions.com](mailto:Jim.Soukup@WestonSolutions.com)



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November 24, 2020

Woodbridge Township  
Planning Board  
1 Main Street  
Woodbridge, NJ 07095

RE: Freshwater Wetlands General Permit 12  
Application Package  
Hatco AOC 25  
Block 93, Lot 100.011  
Woodbridge Township, Middlesex County, New Jersey

To Whom It May Concern:

This letter is to provide you with legal notification that an application for authorization under freshwater wetlands general permit 12 has been submitted to the New Jersey Department of Environmental Protection, Division of Land Use Regulation for the site shown on the enclosed plan(s). A brief description of the proposed project follows: to perform soil and sediment sampling at varying depths for the remediation design in the Channel D wetland located in the Hatco Area of Concern (AOC) 25 at Riverside Drive in Woodbridge Township, Middlesex County, New Jersey (Block 93, Lot 100.011). The Channel D wetland is located down gradient from the Hatco Site, an active chemical manufacturing plant

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NJDEP Department of Environmental Protection  
Division of Land Use Regulation  
P.O. Box 420, Code 501-02A  
Trenton, New Jersey 08625  
Attention: Woodbridge Supervisor

If you have any questions, please contact:

(603) 656-5480  
[Jim.Soukup@WestonSolutions.com](mailto:Jim.Soukup@WestonSolutions.com)



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November 24, 2020

Middlesex County Planning Board  
Matthew Vaughn, Chairman  
Office of Planning  
County Administration Building, 5<sup>th</sup> Floor  
75 Bayard Street  
New Brunswick, NJ 08901

RE: Freshwater Wetlands General Permit 12  
Application Package  
Hatco AOC 25  
Block 93, Lot 100.011  
Woodbridge Township, Middlesex County, New Jersey

Dear Mr. Vaughn:

This letter is to provide you with legal notification that an application for authorization under freshwater wetlands general permit 12 has been submitted to the New Jersey Department of Environmental Protection, Division of Land Use Regulation for the site shown on the enclosed plan(s). A brief description of the proposed project follows: to perform soil and sediment sampling at varying depths for the remediation design in the Channel D wetland located in the Hatco Area of Concern (AOC) 25 at Riverside Drive in Woodbridge Township, Middlesex County, New Jersey (Block 93, Lot 100.011). The Channel D wetland is located down gradient from the Hatco Site, an active chemical manufacturing plant

The complete permit application package can be reviewed at either the municipal clerk's office in the municipality in which the site subject to the application is located, or by appointment at the Department's Trenton Office. In addition, an electronic copy of the initial application can be provided via an OPRA request by contacting <https://www.nj.gov/dep/opra/opraform.html> from the Department's Trenton Office. The Department of Environmental Protection welcomes comments and any information that you may provide concerning the proposed development and site. Please submit your written comments within 45 calendar days of receiving this letter to:

NJDEP Department of Environmental Protection  
Division of Land Use Regulation  
P.O. Box 420, Code 501-02A  
Trenton, New Jersey 08625  
Attention: Woodbridge Supervisor

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[Jim.Soukup@WestonSolutions.com](mailto:Jim.Soukup@WestonSolutions.com)





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732-417-5800 • FAX: 732-417-5801

November 24, 2020

Freehold Soil Conservation District  
Monmouth County Agriculture Building  
4000 Kozloski Road  
P.O. Box 5033  
Freehold, New Jersey 07728

RE: Freshwater Wetlands General Permit 12  
Application Package  
Hatco AOC 25  
Block 93, Lot 100.011  
Woodbridge Township, Middlesex County, New Jersey

To Whom It May Concern:

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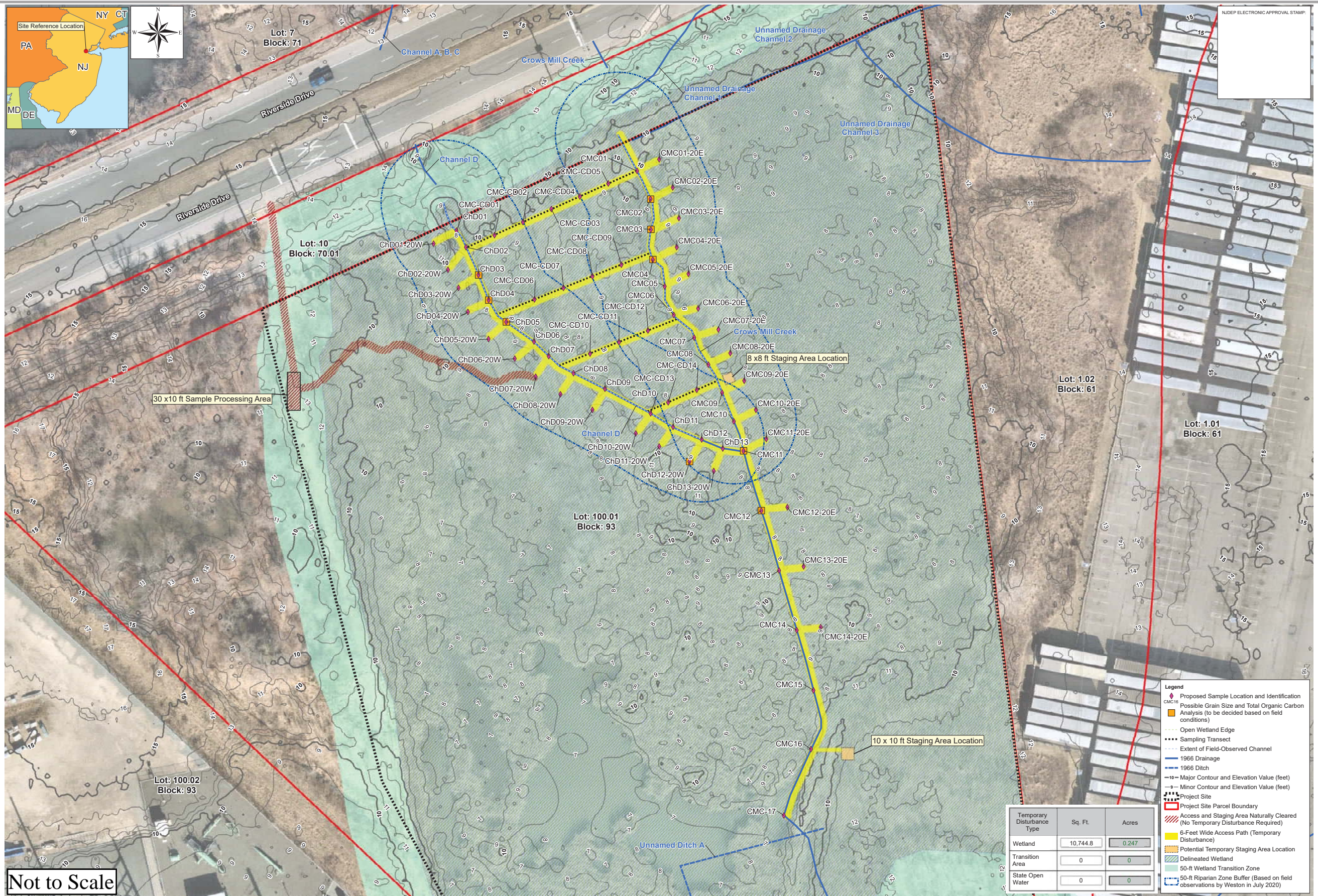
The complete permit application package can be reviewed at either the municipal clerk's office in the municipality in which the site subject to the application is located, or by appointment at the Department's Trenton Office. In addition, an electronic copy of the initial application can be provided via an OPRA request by contacting <https://www.nj.gov/dep/opra/opraform.html> from the Department's Trenton Office. The Department of Environmental Protection welcomes comments and any information that you may provide concerning the proposed development and site. Please submit your written comments within 45 calendar days of receiving this letter to:

NJDEP Department of Environmental Protection  
Division of Land Use Regulation  
P.O. Box 420, Code 501-02A  
Trenton, New Jersey 08625  
Attention: Woodbridge Supervisor

If you have any questions, please contact:

(603) 656-5480  
[Jim.Soukup@WestonSolutions.com](mailto:Jim.Soukup@WestonSolutions.com)

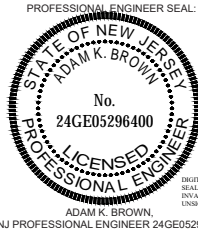




NOTES:  
1. Contour interval = 1 foot.  
2. Topographical and feature location obtained from sources listed on this drawing. Items were not independently verified by a licensed land surveyor.  
SOURCES:  
1. Base Map: Nearmap Aerial Imagery, Acquisition date: February 2, 2020, <https://www.nearmap.com/us/en>.  
2. Parcel Boundaries: Parcels and MOD-IV of Middlesex County, NJ, NJGIN Open Data, October 2019.  
3. Contours: Generated from NJGIN Northeast NJ, NGA 2007 LIDAR data. Horizontal confidence: 3.28 feet; Vertical accuracy: 0.61 feet; Vertical datum: NAVD88. More information: <https://njgin.nj.gov/njgin/data/elevation/index.html#/>.  
4. Wetland Area: Delineation and survey performed by Weston in June 2020 using a Arrow 100 Submeter GPS Unit.  
5. Drainage and Ditches: AeroData 1966 Aerial Imagery Analysis and Interpretation.



Weston Solutions, Inc.  
205 Campus Drive Edison, New Jersey 08837-3939  
TEL: (732) 417-5800 Fax: (732) 417-5801  
<http://www.westonsolutions.com>



REPORT DATE:  
November 2020  
DRAWING:  
25457\_Site\_Plan\_GP12.mxd  
PATH:  
\\nas001\1\EDC\_Data\CAD\Hatch\GIS\MXD  
REVISION No.  
7  
WORK ORDER No.  
13067.001.003.4001

PROJECT MANAGER:  
J. Schindler  
CHECKED BY:  
Potrikus  
CHECKED DATE:  
11/2/2020  
CONTRACT No.  
DELIVERY ORDER NO.  
DRAWN/MODIFIED BY:  
H. Bravo-Ruiz  
DATE CREATED:  
7/23/2020

CLIENT NAME:  
Weston Solutions, Inc.  
PROJECT NAME:  
Hatco AOC 25

DRAWING TITLE:  
Site Plan for GP-12 Permit for  
Block 93 Lot 100.011 of Woodbridge Township  
Middlesex County, New Jersey  
FIGURE:  
Item 5  
SCALE:  
1" = 25'  
DATE:  
11/2/2020



7019 0140 0000 2346 1660

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<input type="checkbox"/> Return Receipt (hardcopy)	\$	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	\$0.00
<input type="checkbox"/> Adult Signature Required	\$	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	\$0.00
Postage	\$0.55	
\$	\$4.10	11/24/2020
Total Postage	\$4.10	
Sent To	Middlesex County Planning Board	
Street and	Office of Planning	
City, State,	County Administration Building	
	75 Bayard Street, 5th Floor	
	New Brunswick, NJ 08901	
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<input type="checkbox"/> Return Receipt (hardcopy)	\$	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	\$0.00
<input type="checkbox"/> Adult Signature Required	\$	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	\$0.00
Postage	\$0.55	
\$	\$4.10	11/24/2020
Total Postage	\$4.10	
Sent To	Freehold Soil Conservation District	
Street and	Monmouth County Agricultural Bldg	
City, State,	4000 Kozloski Road	
	P.O. Box 5033	
	Freehold, NJ 07728	
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<input type="checkbox"/> Return Receipt (electronic)	\$	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	\$0.00
<input type="checkbox"/> Adult Signature Required	\$	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	\$0.00
Postage	\$0.55	
\$	\$4.10	11/24/2020
Total Postage	\$4.10	
Sent To	Woodbridge Township	
Street and	Environmental Commission	
City, State,	1 Main Street	
	Woodbridge, NJ 07095	
PS Form 38	Instructions	

7019 0140 0000 2346 1657

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\$	\$0.00	01
Extra Services & Fees (check box, add fee as appropriate)		
<input type="checkbox"/> Return Receipt (hardcopy)	\$	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	\$0.00
<input type="checkbox"/> Adult Signature Required	\$	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	\$0.00
Postage	\$0.55	
\$	\$4.10	11/24/2020
Total Postage	\$4.10	
Sent To	Woodbridge Township	
Street and	Planning Board	
City, State,	One Main Street	
	Woodbridge, NJ 07095	
PS Form 38	Instructions	

7019 0140 0000 2346 2438

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Woodbridge, NJ 07095

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\$	\$0.00	01
Extra Services & Fees (check box, add fee as appropriate)		
<input type="checkbox"/> Return Receipt (hardcopy)	\$	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	\$0.00
<input type="checkbox"/> Adult Signature Required	\$	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	\$0.00
Postage	\$0.55	
\$	\$4.10	11/24/2020
Total Postage	\$4.10	
Sent To	Woodbridge Township	
Street and	Construction Official	
City, State,	1 Main Street	
	Woodbridge, NJ 07095	
PS Form 38	Instructions	



7019 0140 0000 2346 1622

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Lexington, KY 40512

Certified Mail Fee \$3.55  
\$0.00  
Extra Services & Fees (check box, add fee as appropriate)  
☐ Return Receipt (hardcopy) \$0.00  
☐ Return Receipt (electronic) \$0.00  
☐ Certified Mail Restricted Delivery \$0.00  
☐ Adult Signature Required \$0.00  
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.55

Total Postage \$4.10

Sent To  
Ashland Oil & Refining Co Tax Dept  
P.O. Box 14000  
Lexington, KY 40512

PS Form

0459  
01

Postmark  
Here

11/24/2020

7019 0140 0000 2346 1639

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Woodbridge, NJ 07095

Certified Mail Fee \$3.55  
\$0.00  
Extra Services & Fees (check box, add fee as appropriate)  
☐ Return Receipt (hardcopy) \$0.00  
☐ Return Receipt (electronic) \$0.00  
☐ Certified Mail Restricted Delivery \$0.00  
☐ Adult Signature Required \$0.00  
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.55

Total Postage \$4.10

Sent To  
Township of Woodbridge  
One Main Street  
Woodbridge, NJ 07095

PS Form

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01

Postmark  
Here

11/24/2020

7019 0140 0000 2346 1608

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Silver Spring, MD 20910

Certified Mail Fee \$3.55  
\$0.00  
Extra Services & Fees (check box, add fee as appropriate)  
☐ Return Receipt (hardcopy) \$0.00  
☐ Return Receipt (electronic) \$0.00  
☐ Certified Mail Restricted Delivery \$0.00  
☐ Adult Signature Required \$0.00  
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.55

Total Postage \$4.10

Sent To  
CPV Shore Urban Renewal LLC  
8403 Colesville Rd-STE915  
Silver Spring, MD 20910

PS Form

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01

Postmark  
Here

11/24/2020

7019 0140 0000 2346 1615

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Indianapolis, IN 46240

Certified Mail Fee \$3.55  
\$0.00  
Extra Services & Fees (check box, add fee as appropriate)  
☐ Return Receipt (hardcopy) \$0.00  
☐ Return Receipt (electronic) \$0.00  
☐ Certified Mail Restricted Delivery \$0.00  
☐ Adult Signature Required \$0.00  
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.55

Total Postage \$4.10

Sent To  
Scannell Properties #139  
LLC/STE300  
8801 River Crossing Blvd  
Indianapolis, IN 46240

PS Form

0459  
01

Postmark  
Here

11/24/2020

7019 0140 0000 2346 1585

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Lawrence Township, NJ 08648

Certified Mail Fee \$3.55  
\$0.00  
Extra Services & Fees (check box, add fee as appropriate)  
☐ Return Receipt (hardcopy) \$0.00  
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☐ Certified Mail Restricted Delivery \$0.00  
☐ Adult Signature Required \$0.00  
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.55

Total Postage \$4.10

Sent To  
Second Class Railroad  
690 Whitehead Rd  
Trenton, NJ 08648

PS Form

0459  
01

Postmark  
Here

11/24/2020

7019 0140 0000 2346 1592

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Indianapolis, IN 46240

Certified Mail Fee \$3.55  
\$0.00  
Extra Services & Fees (check box, add fee as appropriate)  
☐ Return Receipt (hardcopy) \$0.00  
☐ Return Receipt (electronic) \$0.00  
☐ Certified Mail Restricted Delivery \$0.00  
☐ Adult Signature Required \$0.00  
☐ Adult Signature Restricted Delivery \$0.00

Postage \$0.55

Total Postage \$4.10

Sent To  
Scannell Properties #278/STE300  
8801 River Crossing Blvd  
Indianapolis, IN 46240

PS Form

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01

Postmark  
Here

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Philadelphia, PA 19104

Certified Mail Fee	\$3.55
\$	\$0.00
Extra Services & Fees (check box, add fee as appropriate)	
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<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.55

\$ Total Post \$4.10

\$ Sent To

Street and

City, State

PS Form

Instructions

Con-Rail Corp Tax Dept  
6 Pen Center Plaza  
Philadelphia, PA 19104

Postmark  
Here

11/24/2020

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01

7019 0140 0000 2346 1578

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Kingston, NJ 08528

Certified Mail Fee	\$3.55
\$	\$0.00
Extra Services & Fees (check box, add fee as appropriate)	
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<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
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<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.55

\$ Total Po \$4.10

\$ Sent To

Street and

City, State

PS Form

Instructions

Trap Rock Industries  
P.O. Box 419  
Kingston, NJ 08528

Postmark  
Here

11/24/2020

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01

7019 0140 0000 2346 1547

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East Brunswick, NJ 08816

Certified Mail Fee	\$3.55
\$	\$0.00
Extra Services & Fees (check box, add fee as appropriate)	
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<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.55

\$ Total Po \$4.10

\$ Sent To

Street and

City, State

PS Form

Instructions

Gredel Properties LLC  
33 Cotters Ln  
East Brunswick, NJ 08816

Postmark  
Here

11/24/2020

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Waterbury, CT 06749

Certified Mail Fee	\$3.55
\$	\$0.00
Extra Services & Fees (check box, add fee as appropriate)	
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<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.55

\$ Total Post \$4.10

\$ Sent To

Street and

City, State

PS Form

Instructions

Hatco Chemical Corporation  
199 Benson Road  
Middlebury, CT 06749

Postmark  
Here

11/24/2020

0459  
01

7019 0140 0000 2346 1523

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## CERTIFIED MAIL® RECEIPT

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Woodbridge, NJ 07095

Certified Mail Fee	\$3.55
\$	\$0.00
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
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<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.55

\$ Total Pr \$4.10

\$ Sent To

Street and

City, State

PS Form

Instructions

Woodbridge Township  
Planning Board  
1 Main Street  
Woodbridge, NJ 07095

Postmark  
Here

11/24/2020

0459  
01

7019 0140 0000 2346 1530

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## CERTIFIED MAIL® RECEIPT

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Edison, NJ 08837

Certified Mail Fee	\$3.55
\$	\$0.00
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
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<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.55

\$ Total Pc \$4.10

\$ Sent To

Street and

City, State

PS Form

Instructions

Federal Business Centers Inc  
300 Raritan Center Pkwy  
Edison, NJ 08837

Postmark  
Here

11/24/2020

0459  
01

**WOODBIDGE TOWNSHIP DEPARTMENT OF PLANNING & DEVELOPMENT  
OFFICE OF THE ADMINISTRATIVE OFFICER  
CERTIFIED PROPERTY OWNER'S LIST**

PAGE 1 of 2

TAX MAP NO. 4      DATE: 07/31/2020

<b>APPLICANT(S)</b>	<b>PROPERTY LOCATION</b>	<b>BLOCK</b>	<b>LOT</b>	<b>ADD. LOTS</b>
EPEC POLYMERS INC	RIVERSIDE DR, FORDS	93	100.011	

BLK. NO.	LOT NO.	PROP ADDRESS	OWNER NAME / ADDRESS
		Riverside Drive	Middlesex County Office of Planning 75 Bayard Street - Fifth Floor New Brunswick, NJ 08901
114	2	5000 RIVERSIDE DR	FEDERAL BUSINESS CENTERS INC 300 RARITAN CENTER PKWY EDISON, NJ 08837
114	3	RIVERSIDE DR	FEDERAL BUSINESS CENTERS INC 300 RARITAN CENTER PKWY EDISON, NJ 08837
114	4	6000 RIVERSIDE DR	FEDERAL BUSINESS CENTERS INC 300 RARITAN CENTER PKWY EDISON NJ 08837
61	1.01	1000 RIVERSIDE DR	GREDEL PROPERTIES LLC 33 COTTERS LN EAST BRUNSWICK NJ 08816
67	100.01	1020 KING GEORGES RD	HATCO CHEMICAL CORPORATION 199 BENSON RD MIDDLEBURY CT 06749
70.01	10	RIVERSIDE DR	CON-RAIL CORP TAX DEPT 6 PEN CENTER PLAZA PHILADELPHIA PA 19104
71	1	RIVERSIDE DR	TOWNSHIP OF WOODBRIDGE ONE MAIN ST WOODBIDGE NJ 07095
71	2	RIVERSIDE DR	TOWNSHIP OF WOODBRIDGE ONE MAIN ST WOODBIDGE NJ 07095
71	7	RIVERSIDE DR	TOWNSHIP OF WOODBRIDGE ONE MAIN ST WOODBIDGE NJ 07095

**WOODBIDGE TOWNSHIP DEPARTMENT OF PLANNING & DEVELOPMENT  
OFFICE OF THE ADMINISTRATIVE OFFICER  
CERTIFIED PROPERTY OWNER'S LIST**

PAGE 2 of 2

BLK. NO.	LOT NO.	PROP ADDRESS	OWNER NAME / ADDRESS
76	1.021	CROWS MILL RD	TRAP ROCK INDUSTRIES P O BOX 419 KINGSTON NJ 08528
77	100	40 CROWS MILL RD	TOWNSHIP OF WOODBRIDGE 1 MAIN ST WOODBIDGE NJ 07095
83	1	CROWS MILL RD	TOWNSHIP OF WOODBRIDGE 1 MAIN ST WOODBIDGE NJ 07095
90.01	1.02	CROWS MILL RD	SECOND CLASS RAILROAD 690 WHITEHEAD RD TRENTON NJ 08648
93	100.012	350 RIVERSIDE DR(REAR)	SCANNELL PROPERTIES #278/STE300 8801 RIVER CROSSING BLVD INDIANAPOLIS IN 46240
93	100.02	1070 RIVERSIDE DR	CPV SHORE URBAN RENEWAL LLC 8403 COLESVILLE RD-STE915 SILVER SPRING MD 20910
95	10.01	350 RIVERSIDE DR	SCANNELL PROPERTIES #139 LLC/STE300 8801 RIVER CROSSING BLVD INDIANAPOLIS IN 46240
95	10.02	RIVERSIDE DR (REAR)	ASHLAND OIL & REFINING CO TAX DEPT P O BOX 14000 LEXINGTON KY 40512
99	10	CROWS MILL RD	TOWNSHIP OF WOODBRIDGE 1 MAIN ST WOODBIDGE NJ 07095

Certified by:

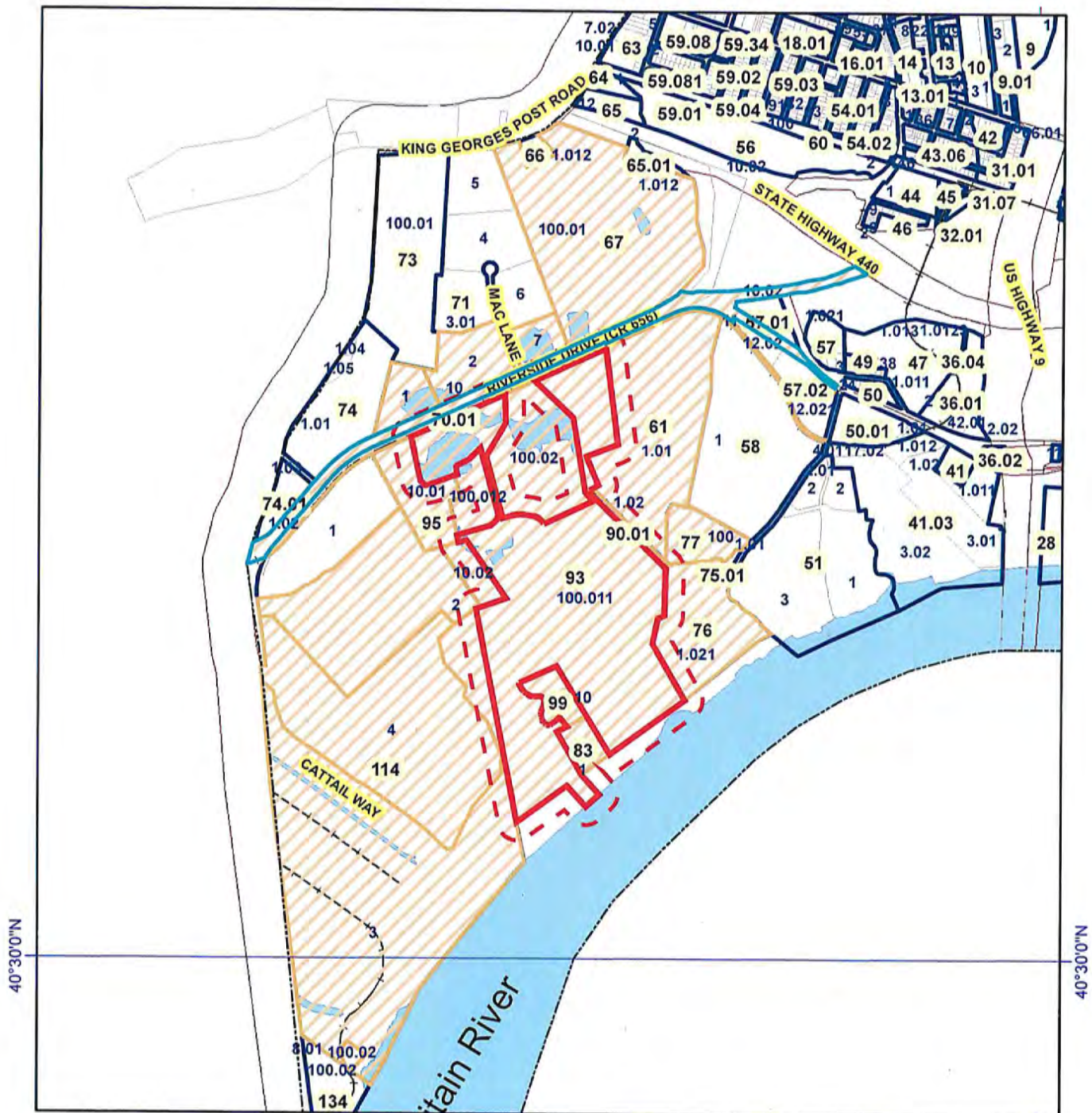
Marta Darden  
Administrative Officer:

DATE:

*Marta Darden* 8/06/2020



# Notification buffer for Selected Property



Prepared by the Woodbridge Township Planning Department

Block 93 Lot 100.011

Date: 7/31/2020



0 750 1,500 3,000 4,500 6,000 Feet



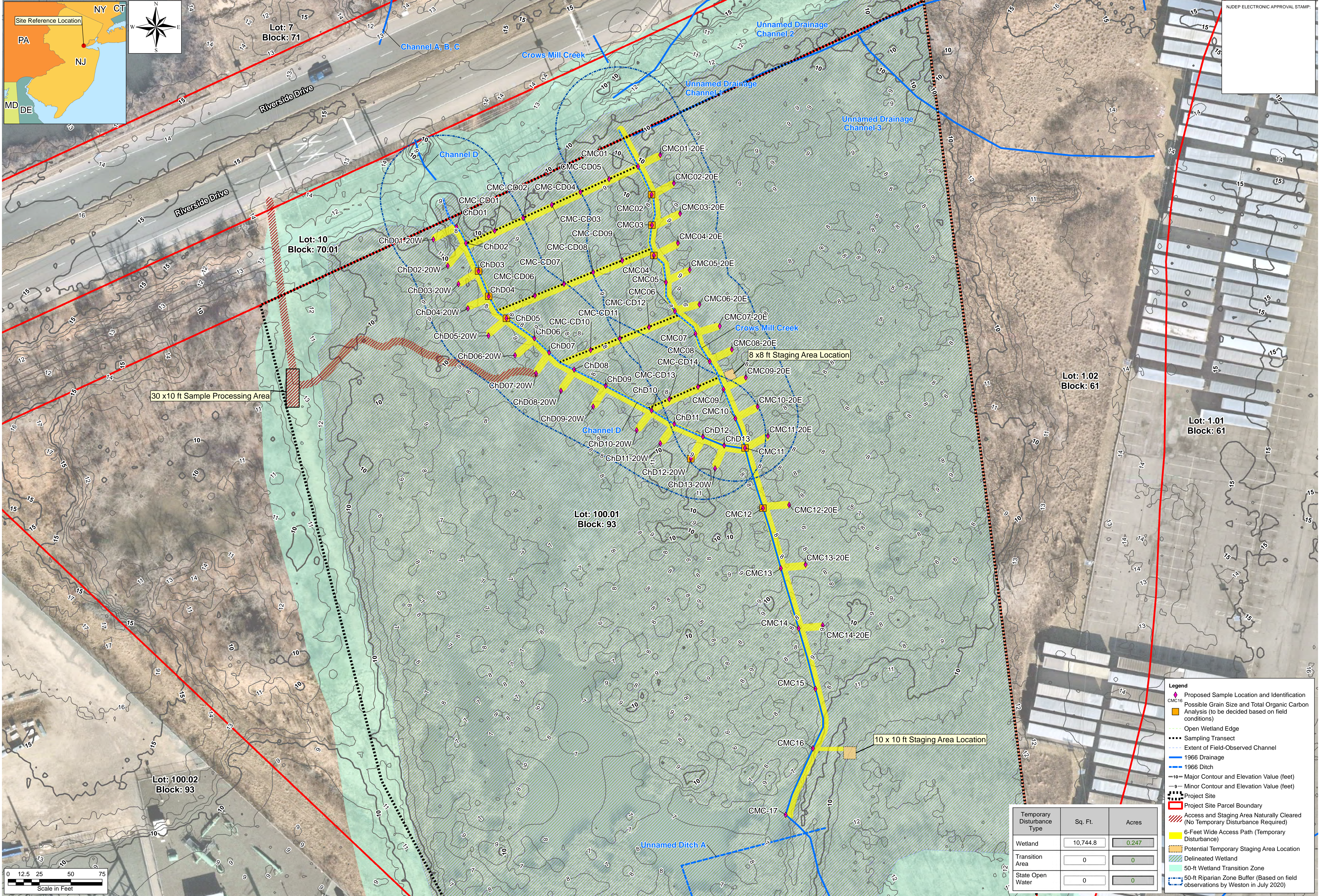
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**ATTACHMENT B**

**Site Plans**

---





NOTES:  
1. Contour interval = 1 feet.  
2. Topographical and feature location obtained from sources listed on this drawing. Items were not independently verified by a licensed land surveyor.  
SOURCES:  
1. Base Map: Nearemap Aerial Imagery. Acquisition date: February 2, 2020. <https://www.nearemap.com/us/en>.  
2. Parcel Boundaries: Parcels and MOD/IV of Middlesex County, NJ. NJGIN Open Data, October 2019. <https://njgis-newjersey.opendata.arcgis.com/datasets/parcels-and-mod-iv-of-middlesex-county-nj-fgdb-download>.  
3. Contours: Generated from NJGIN Northeast NJ NGA 2007 LIDAR data. Horizontal confidence: 3.28 feet; Vertical accuracy: 0.61 feet; Vertical datum: NAVD83. More information: [https://njgin.nj.gov/njgin/data/elevation/index.html#](https://njgin.nj.gov/njgin/data/elevation/index.html#/).  
4. Wetland Area: Delineation and survey performed by Weston in June 2020 using a Arrow 100 Submeter GPS Unit.  
5. Drainage and Ditches: AeroData 1966 Aerial Imagery Analysis and Interpretation.



Weston Solutions, Inc.  
205 Campus Drive Edison, New Jersey 08837-3939  
TEL: (732) 417-5800 Fax: (732) 417-5801  
<http://www.westonsolutions.com>

PROFESSIONAL ENGINEER SEAL:



ADAM K. BROWN,  
NJ PROFESSIONAL ENGINEER 24GE05296400

REPORT DATE:

November 2020

DRAWING:

25457\_Site\_Plan\_GP12.mxd

PATH: \\wssdc1\EDC\_Data\CAD\Hatcho\GIS\MXD\

REVISION No.

7

WORK ORDER No.

13067.001.003.4001

PROJECT MANAGER:

J. Schindler

CHECKED BY:

J. Potrikus

CHECKED DATE:

11/2/2020

CONTRACT No.

DELIVERY ORDER NO.

DRAWN/MODIFIED BY:

H. Bravo-Ruiz

DATE CREATED:

7/23/2020

CLIENT NAME:

Weston Solutions, Inc.

PROJECT NAME:

Hatco AOC 25

DRAWING TITLE:

Site Plan for GP-12 Permit for  
Block 93 Lot 100.011 of Woodbridge Township  
Middlesex County, New Jersey

FIGURE:

Item 5

SCALE:

1" = 25'

DATE:

11/2/2020



---

**ATTACHMENT C**

**Site Photographs**

---





SCALE: 0 75 150 300 Feet

PROJECT: Hatco AOC 25

CLIENT NAME: Weston Solutions, Inc.

TITLE: Photo Location Map

DRAWING NUMBER: FIGURE #: Attachment C

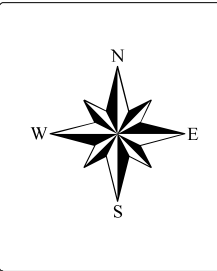
DRAWN BY: H. Bravo-Ruiz

REVIEWED BY: A. McGahan

PROJECT MANAGER: J. Schindler

SCALE: 1" = 150'

DATE: August 2020





<b>Applicant Name:</b> Weston Solutions, Inc.	<b>Project Name:</b> Hatco AOC 25	<b>Site Location:</b> Woodbridge Township, Middlesex County, New Jersey
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**Photo 1 June 24, 2020:** View of the Project Site wetland (W-01), facing southeast.



**Photo 2 June 24, 2020:** View of the Project Site wetland edge (W-01) along upland berm, facing south.



<b>Applicant Name:</b> Weston Solutions, Inc.	<b>Project Name:</b> Hatco AOC 25	<b>Site Location:</b> Woodbridge Township, Middlesex County, New Jersey
--	--------------------------------------	---



**Photo 3 June 24, 2020:** View of the Project Site upland berm along W-01 edge; facing north.



**Photo 4 June 24, 2020:** View of the Project Site wetland (W-01); facing south.



<b>Applicant Name:</b> Weston Solutions, Inc.	<b>Project Name:</b> Hatco AOC 25	<b>Site Location:</b> Woodbridge Township, Middlesex County, New Jersey
--	--------------------------------------	---



**Photo 5 June 24, 2020:** View of Channel D within the Project Site wetland (W-01), facing south.



**Photo 6 June 24, 2020:** View of Crows Mill Creek within the Project Site wetland (W-01), facing south.



<b>Applicant Name:</b> Weston Solutions, Inc.	<b>Project Name:</b> Hatco AOC 25	<b>Site Location:</b> Woodbridge Township, Middlesex County, New Jersey
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**Photo 7 June 24, 2020:** View of the Project Site wetland edge (W-01) along the railroad tracks, facing west southwest.



**Photo 8 June 24, 2020:** View of the Project Site wetland (W-01); facing northwest.



<b>Applicant Name:</b> Weston Solutions, Inc.	<b>Project Name:</b> Hatco AOC 25	<b>Site Location:</b> Woodbridge Township, Middlesex County, New Jersey
--	--------------------------------------	---



**Photo 9 June 24, 2020:** View of the Project Site wetland (W-01); facing southwest.



**Photo 10 June 24, 2020:** View of upland mound to the southeast of the Project Site, facing north.



<b>Applicant Name:</b> Weston Solutions, Inc.	<b>Project Name:</b> Hatco AOC 25	<b>Site Location:</b> Woodbridge Township, Middlesex County, New Jersey
--	--------------------------------------	---



**Photo 11 June 24, 2020:** View of the Project Site wetland (W-01), facing west.



**Photo 12 June 24, 2020:** View of the Project Site wetland (W-01) continuing to the south, facing south.

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**ATTACHMENT D**

**Compliance Statement**

---

**FRESHWATER WETLANDS GENERAL PERMIT 12  
SURVEYING AND INVESTIGATING  
COMPLIANCE STATEMENT**

*for the*

**HATCO AREA OF CONCERN (AOC) 25  
SOIL AND SEDIMENT SAMPLING PROJECT  
BLOCK 93, LOT 100.011  
TOWNSHIP OF WOODBRIDGE, MIDDLESEX COUNTY, NEW JERSEY**

*Prepared for*

**NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF LAND USE REGULATION**

501 East State Street  
Station Plaza 5, 2<sup>nd</sup> Floor  
Trenton, New Jersey 08609

*Prepared by*



**WESTON SOLUTIONS, INC.**

205 Campus Drive  
Edison, NJ 08837-3939  
P: 732-417-5800; F: 732-417-5801

November 2020

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## LIST OF ACRONYMS AND ABBREVIATIONS

Acronym or Abbreviation	Definition
AOC	Area of Concern
BEHP	bis (2-ethylhexyl) phthalate
DOT	Department of Transportation
FWW	Freshwater Wetlands
GP	General Permit
GPS	Global Positioning System
Hatco Site	Block 67, Lot 100.01 in Woodbridge Township, Middlesex County, New Jersey
NAPL	Non-aqueous phase liquid
NHP	Natural Heritage Program
NJDEP or “the Department”	New Jersey Department of Environmental Protection
PCB	polychlorinated biphenyl
PEM	Palustrine emergent
PFO	Palustrine forested
Project	The collection of soil and sediment samples from varying depths for remedial design in the Project Site wetland downgradient from the Hatco Site, an active chemical manufacturing plant.
Project Site	Hatco AOC 25 located within Block 93, Lot 100.011 in Woodbridge Township, Middlesex County, New Jersey
Project Site Parcel	Block 93, Lot 100.011 in Woodbridge Township, Middlesex County, New Jersey
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Program Plan
RAWP	Remedial Action Work Plan
ROW	Right-of-way
SVOC	Semi-volatile organic compound
TCL	Target Compound List
TIC	Tentatively identified compound
TOC	Total organic carbon
USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
Weston or “the Applicant”	Weston Solutions, Inc.

## **1.0 INTRODUCTION**

Weston Solutions, Inc. (Weston or “the Applicant”) is proposing to perform soil and sediment sampling within the Hatco Area of Concern (AOC) 25 located on the property (Block 93, Lot 100.011) at Riverside Drive in Woodbridge Township, Middlesex County, New Jersey (Project Site). The proposed action (the Project) consists of the collection of soil and sediment samples from varying depths (including some greater than 3 feet) that will inform the remedial design for the Project Site; which is located downgradient from the Hatco Site (Block 67, Lot 100.01), an active chemical manufacturing plant. Weston performed a delineation effort for the Project Site in June 2020; which revealed that the Project Site encompasses a state-mapped wetland. The wetland within the Project Site are regulated pursuant to the Freshwater Wetlands (FWW) Protection Act Rules (N.J.A.C. 7:7A).

In addition to sampling within wetlands, soil and sediment samples are proposed within the 50-foot regulated riparian zone of two streams located on the Project Site: Channel D and Crows Mill Creek. These riparian zones are regulated pursuant to the Flood Hazard Area (FHA) Control Act Rules (N.J.A.C. 7:13). The proposed Project complies with Permit-by-Rule 44 for surveying activities at N.J.A.C. 7:13-7.44. All soil and sediment sampling will be accomplished using hand-held equipment and no trees will be cleared, cut down, and/or removed within the riparian zones of the Project Site. Therefore, the Applicant requests from the New Jersey Department of Environmental Protection (NJDEP or “the Department”) approval for the proposed Project under the FWW Protection Act Rules only.

This Compliance Statement demonstrates compliance with the FWW Protection Act Rules at N.J.A.C. 7:7A-5.7, 7:7A-7.12, 7:7A-20.2, and 7:7A-20.3 in support of the overall application for a FWW General Permit (GP) 12.

## **2.0 SITE DESCRIPTION**

The Project Site encompasses approximately 11.59 acres of the overall 147.3-acre parcel located at Block 93, Lot 100.011 (Project Site Parcel). As noted above, the Project Site is located downgradient of the Hatco Site, which has been the focus of past remedial investigations and proposed remedial actions. The Hatco Site has been developed as an operating chemical

manufacturing facility.

The Project Site Parcel has had a complex ownership history since 1988, including a lot merger and subdivision. A summary of the ownership since June 30, 1988 is as follows:

- Up to 7/28/1988: Nuodex, Inc.
- 7/28/1988 – 6/25/1991: Huls America
- 6/25/1991 – 12/24/1996: Tenneco Polymers, Inc.
- 12/24/1996 – 8/30/2000: EPEC Polymers, Inc.
- 8/30/2000 – 8/13/2002: Raritan Venture I, LLC.
- 8/13/2002 - Present: EPEC Polymers, Inc.
- 7/13/2013: Lot Block 62 Lot 2 was merged with adjacent Block 62 Lot 3 and a portion of Block 93 Lot 100 to become Block 93 Lot 100.01
- 5/25/2017: Block 93 Lot 100.01 was subdivided and the portion containing the marsh became Block 93 Lot 100.011.

As the surrounding lands became industrialized, the portion of Block 93 Lot 100.011 subject to this Application remained as an undeveloped wetland.

The proposed soil and sediment sampling activities are located within the wetland associated with Channel D and Crows Mill Creek. Soil and sediment sampling activities are also proposed to occur directly within the channels of Channel D and Crows Mill Creek. The area between Channel D and Crows Mill Creek channels consists of forested wetlands in the north portion of the Project Site and common reed marsh in the south portion of the Project Site. A property tax map, county road map, county soil survey map, and USGS topographic map of the Project Site have been uploaded to the Department's submission service along with this Compliance Statement under the attachment type "Environmental Report with Site Location Maps".

The Project Site was delineated by the Applicant in June 2020 within the Project Site Parcel. Almost all of the 11.59-acre Project Site is wetland, except for a few elevated areas. Approximately 1.69 acres of the wetlands are classified as palustrine forested (PFO) dominated by gray birch (*Betula populifolia*) and black gum (*Nyssa sylvatica*) in the tree stratum and coastal sweetpepperbush (*Clethra alnifolia*) in the shrub stratum. The remaining wetlands are classified



as palustrine emergent (PEM) dominated by common reed. During the June 2020 delineation effort, as well as the August 2020 initial reconnaissance effort, Weston scientists observed standing water with dense common reed mats above the water layer where Channel D and Crows Mill Creek lose defined bed and bank.

The soils within the Project Site wetland are mapped as hydric, which is consistent with the observations made during the June 2020 effort. The Project Site wetland is bounded by an upland berm along the west edge, and the Conrail railroad tracks along the northern edge. The wetland continues outside the Project Site to the east before terminating along a steep fill slope that supports the paved parking lot and warehouse building on the adjacent property. An upland mound of about 0.3 acres dominated by tree-of-heaven (*Ailanthus altissima*) is present in the southeast corner of the Project Site. The wetland continues south past the upland mound outside the Project Site along the base of the fill slope supporting the paved parking lot on the adjacent property.

Based on the classification of freshwater wetlands by resource value at N.J.A.C. 7:7A-3.2, the wetland does not meet the requirements of an exceptional resource wetland or an ordinary resource wetland. Therefore, the Applicant has classified the Project Site wetland as a freshwater wetland of intermediate resource value with a transition area of 50 feet. The transition area encompasses the remaining 0.63 acres of the Project Site.

As noted above, Channel D and Crows Mill Creek traverse the Project Site wetland before losing a defined channel. Hydrology is conveyed to the Raritan River, approximately 0.46 miles southeast of the Project Site. The Project Site is surrounded by commercial and industrial development to the north, east, and west. The wetland continues southward beyond the Project Site before ending at industrial properties along the north bank of the Raritan River.

Wetland data forms have been uploaded to the Department's submission service along with this Compliance Statement under the attachment type "Environmental Report with Site Location Maps". The delineated wetland is depicted on the Site Plan as well as the Wetland Delineation and Streams Map, which has been uploaded to the Department's submission service in accordance with the site plan specifications for electronic site plans.

### **3.0 PROJECT DESCRIPTION**

The Applicant, in consultation with the property owner [(EPEC Polymers, Incorporated (EPEC))], identified data gaps including a lack of bis (2-ethylhexyl) phthalate (BEHP) results in the area between Channel D and Crows Mill Creek, and very limited polychlorinated biphenyl (PCB) results within the Crows Mill Creek channel. The purpose of the project is to better define the horizontal and vertical extent of SVOC and PCB contamination in the Channel D-Crows Mill Creek area in support of future remedial activities.

The proposed Project includes the collection of soil and sediment samples from varying depths, with analysis by an off-site analytical laboratory for PCBs and SVOCs.

This proposed Project will require access to the northeastern portion of Block 93 Lot 100.011 for the purpose of gathering additional data required to prepare an Ecological Risk Assessment for BEHP and a Remedial Action Work Plan (RAWP) Addendum. Both of these tasks are required under the Administrative Requirements for the Remediation of Contaminated Sites (ARRCS, N.J.A.C. 7:26C) and the Technical Requirements for Site Remediation (Tech Rules, N.J.A.C. 7:26E) as part of the remedial action at the Project Site.

Historical data collected by Weston, Brown & Caldwell, and Sovereign Consulting, LLC., including sample locations, concentrations and depths, were used to develop a soil and sediment sampling program to address the identified data gaps. Weston also relied upon inspection of aerial photography spanning 1939 to 1987 to identify the historical location of the stream channels. The channel conditions were confirmed during the initial reconnaissance and shallow (<3 feet below grade) soil and sediment sampling completed in August 2020 using manual methods.

Weston designed the sampling program to obtain data in support of the Ecological Risk Assessment and to better define the extent of SVOC contamination near Channel D, as well as evaluate possible PCB and SVOC contamination further to the east along Crows Mill Creek. Weston will analyze additional samples for PCBs and/or Target Compound List (TCL) SVOCs with a tentatively identified compound (TIC) library search. Samples will be collected from the following locations:

- Sediment sampling along the centerline of the Channel D alignment, as identified by

historical aerial photographs, depicted on the Site Plan with analysis for SVOC;

- Sediment sampling along the centerline of the Crows Mill Creek alignment, as identified by historical aerial photographs, up to the point where the Creek was covered with fill material extending westward from the former Cardell facility (now Gredel - also shown on the Site Plan) with analysis for SVOC and PCBs;
- Soil sampling along the banks of each of the two channels where SVOC and PCB data do not currently exist for those banks (Site Plan) with analysis for SVOCs and/or PCBs as shown; and
- Soil sampling along four transects approximately 60 feet apart between Channel D and Crows Mill Creek as shown on the Site Plan with analysis for SVOCs only.

### **Sample Location**

Samples will be collected from the locations shown on the Site Plan, which has been uploaded to the Department's submission service in accordance with the site plan specifications for electronic site plans. Samples were originally collected at these locations in August 2020 from depths shallower than 3 feet using manual equipment and disturbing a path of 3 feet or less in width. Sampling completed under the GP-12 permit would be collected at intervals deeper than 3 feet, not anticipated to exceed 8 feet. The purpose of this supplemental sampling is vertical delineation in the event that shallower locations exceed a regulatory standard. To expedite work on this Project, which carries a Mandatory Deadline of May 2021, Weston is applying for the GP-12 permit in order to have the permit in place to enable sampling to continue.

### **Sample Depths**

As mentioned above, sediment samples were originally collected from Channel D and Crows Mill Creek during the August 2020 program at depths up to 2.5 feet below grade. Samples outside of the channels were collected at depths up to 1.5 feet below grade. Sampling anticipated as part of this Project under the GP-12 permit will occur in the same locations, but target soil and/or sediment at depths between 3 and 8 feet below grade.

## **Sampling Procedures**

Field sampling methods and procedures will be consistent with the Tech Rules and the NJDEP *Field Sampling Procedures Manual* (August 2005) and its updates. A Quality Assurance Program Plan (QAPP) has been developed for the Hatco Site and specifies sample collection methodology and laboratory analytical requirements, as well as procedures for field blanks, field duplicates, matrix spike samples and other quality assurance/quality control samples. To maintain a record of sample collection, transfer between personnel, shipment, and receipt by the laboratory, standard chain-of-custody forms will be completed for all samples. Each form will be completed in the field and signed and dated by a member of the field team who will verify the sample shipment. This form will accompany the samples to the laboratory.

All sampling locations will be identified and staked in the field prior to collection of any samples. Sampling will start at the most downstream locations and proceed upstream. Samples will be placed in a cooler, chilled with ice, and transported to the laboratory by courier.

## **Soil Sample Collection**

Soil samples will be collected using manual sampling equipment such as hand augers or soil corers advanced using a slide hammer. Samples will be placed into laboratory-prepared sample containers and preserved. The following process will be utilized at each sample location to collect the soil samples for laboratory analysis:

- 1) Set up at a sampling location.
- 2) Ensure all necessary supplies are accessible (i.e., hand auger or slide hammer, disposable aluminum pans, disposable sampling trowels, labeled sample containers, garbage bag, nitrile gloves, log book, weather-resistant pen, etc.).
- 3) Advance sampling device to the target depth.
- 4) Transfer soil from sampling device to a dedicated disposable aluminum pan to homogenize the sample prior to placing the sample in a laboratory-prepared sample container using disposable sampling trowel.
- 5) Place labeled containers and place in cooler.
- 6) Decontaminate reusable sampling equipment following the procedure in this FSP.

- 7) Set up at next sampling location.

To maintain a record of sample collection, transfer between personnel, shipment, and receipt by the laboratory, standard chain-of-custody forms will be completed for all samples. Each form will be completed in the field and signed and dated by a member of the field team who will verify the exact sample shipment. This form will accompany the samples to the laboratory.

### **Sediment Sample Collection within Inundated Areas**

Weston intends to obtain sediment cores from areas of flowing or standing water including Channel D and Crows Mill Creek, and the area in the southern portion of the Project Site characterized by common reed. Sampling personnel will clear above-ground vegetation through the common reed using manual tools and bring equipment from an access point to the sampling area. To the extent possible, sampling will begin at the furthest downstream location and proceed upstream in areas of flowing water.

Sampling tools will include ponar samplers, hand augers (where possible) or steel core barrels fitted with acetate liners, slide hammer, and GPS positioning equipment. When a soil corer is used, cores will be retrieved using a hand auger or manual direct push barrel core barrel fitted with a dedicated disposable acetate core liner. The barrel will be driven manually using the slide hammer and extracted manually by pulling (pipe wrenches may be employed to assist with core barrel removal). The maximum planned sampling depth will be 8 feet below the water/sediment interface or refusal.

The following process will be utilized at each sample location to retrieve cores and collect sediment samples for laboratory analysis:

- Where sediment is submerged, depth to top of sediment will be determined using either a ruler (for shallow water) or a weighted disc attached to a measuring line (for deeper water). If used, the weighted disc will be gently lowered to the top of sediment; the distance from the top of sediment to the water surface will be recorded.
- Samples will be collected utilizing the steel core barrel fitted with an acetate core liner described above. A core catcher will be used to retain the sample during extraction. Once the barrel is set into the top of sediment, field personnel will advance the sampler using the

slide hammer until the target depth or refusal is met.

- The sampler will record the total depth to which the core barrel was driven below the top of sediment.
- Retrieval will be performed manually; the barrel will be slowly loosened from the subsurface, utilizing the slide hammer and/or pipe wrenches, if necessary.
- The recovered sediment sample will be maintained in a vertical position. The transparent acetate liner will be removed from the core barrel and examined for sample recovery. The total length of sample material will be measured and recorded. If the sample cannot be processed immediately, the ends of the liner will be capped.
- If the upper portion of the sediment sample is primarily liquid, small holes (e.g., 1/16-inch diameter) will be drilled through the liner to allow excess water to drain. If no evidence of contamination is present, the water will be allowed to drain to the ground surface adjacent to the stream [material that exhibits visual signs of gross contamination ((i.e., Non-aqueous phase liquid (NAPL))) will be retained and managed as investigation derived waste according to the procedure discussed below]. The sample will be allowed to drain sufficiently for handling in the field. Once the field team has determined that sufficient water has drained from the material the length of recovery will be measured again and recorded.
- The liner containing the recovered sample will be placed horizontally and cut open lengthwise to expose the sample material.
- The sample lithology will be described. Sample intervals will be selected based on the original, undrained recorded length of the sample core. For example, if the original undrained recovered core length was 3.5 feet, then the deepest 0.5-foot interval available for sampling will be identified as 3.0 to 3.5 feet below the top of sediment regardless of the final drained sample length. Compression will be calculated based on the thickness of the soft sediment layer, if present. Samples will be collected from the intervals specified in the Site Plan unless refusal occurs prior to the target depth.
- For cases where the sediment recovered in the core exceeds the amount required for

laboratory analysis, the sample will be placed in a stainless steel bowl and homogenized using a stainless steel spatula prior to containerizing the sample for laboratory analysis. The bowl and spatula will be decontaminated prior to each use and the decontamination fluids retained for disposal following the sampling event.

- If the target depth is not reached and/or insufficient volume is retrieved, a second core will be attempted 2 to 5 feet upstream of, the original core location. If a second attempt does not achieve the targeted sampling depth, the sample will be collected from the maximum depth achieved.

The location of each sample will be recorded using GPS equipment capable of sub-meter accuracy.

### **Investigation-Derived Waste Management**

Excess soil and sediment recovered that exhibits no visual evidence of gross contamination will be placed back into the boreholes, if practicable. Where an insufficient volume of material remains to restore the borehole to grade, the remaining void space will be filled using either clean sand or bentonite chips.

It is anticipated, based on the initial sampling event, that the following IDW will be generated during the resampling program:

- Spent personnel protective equipment such as protective chemical resistant suits and gloves,
- Spent sample collection supplies such as core sleeves, mixing pans and scoops,
- Porous or painted materials that cannot be decontaminated per the Toxic Substances Control Act (TSCA), and
- Spent decontamination liquids from field equipment decontamination.

Based on waste characterization sampling of these materials performed after the initial sampling effort that was conducted in August, the four IDW waste streams itemized above are considered non-hazardous under RCRA and New Jersey Department of Transportation (NJDOT). As such, these materials will be transported from the Channel D work area to the Hatco site at the end of each day for proper storage and subsequent off-site disposal as non-hazardous.

As described in the Supplement Sampling Plan, excess soil from sampling activities that exhibits



no visual evidence of gross contamination will be placed back into the borehole, if practicable. Excess soil and sediment that cannot be replaced in the borehole or that exhibits visual evidence of gross contamination (i.e. contains NAPL) will be placed in open-topped 55-gallon drums and staged on the EPEC site until transportation and off-site disposal can be arranged by Weston. Characterization of this material generated during the initial sampling effort in August determined that while it is non-hazardous under RCRA, it is likely to contain PCBs greater than 1 ppm and is therefore considered hazardous under NJDOT regulations; which prohibits transportation to the Hatco Site across public roads. It is anticipated, based on the results of the initial sampling, that less than one 55-gallon drum of excess soil/sediment would be generated during the resampling effort, if any.

Drums containing excess soil/sediment will be placed within secondary containment and staged in an area approved by EPEC. Drums will be properly labeled, closed, and secured at the end of each workday. The drums and secondary containment will be inspected twice per week while they remain on-site.

Within one week of collection of the final sample during the resampling program, Weston will collect the required waste characterization samples needed to properly classify and dispose of the drummed material, if any. The waste characterization samples will be submitted for one-week turnaround time at the analytical laboratory. All drums will be removed from EPEC property within two weeks of receiving acceptance of the waste from the disposal facility.

## **4.0 COMPLIANCE WITH THE RULES ON FRESHWATER WETLANDS GENERAL PERMIT 12**

### **4.1 WETLANDS**

This application for a FWW General Permit 12 has been prepared to meet the requirements of NJDEP Division of Land Use Regulation as required for regulated activities in freshwater wetlands and transition areas necessary for surveying and investigative activities. Approximately 11.59 acres of freshwater wetlands and 0.63 acres of transition area were delineated within the Project

Site in June 2020. The proposed Project will not alter the total area of wetlands or transition areas present within the Project Site. Approximately 0.25 acres of soil disturbance is anticipated during the sampling events. In addition to soil disturbance, cutting back of common reed may be required to access the sampling locations. The proposed Project will not require any permanent vegetation removal, only the cutting back of common reed and tree branches where necessary to access sampling locations. Anticipated access paths are shown on the Site Plan, which was uploaded to the Department's submission service.

#### **4.2 COMPLIANCE WITH THE LIMITS AND REQUIREMENTS PURSUANT TO N.J.A.C. 7:7A-7.12**

The purpose of the Project is to better define the vertical extent of SVOC and PCB contamination associated with Channel D and Crows Mill Creek in support of future remedial activities.

Disturbance to the Project Site wetland will be kept at the minimum necessary to obtain the desired information. As shown on the Site Plan, proposed access paths have been selected to minimize impact to the wetland.

The proposed Project requires soil disturbance to collect the required soil and sediment samples to obtain the desired information. As noted in Section 3.0 above, excess soil and sediment recovered that exhibits no visual evidence of gross contamination will be placed back into the boreholes, if practicable. Excess soil and sediment that cannot be returned to the original sample location or that exhibits visual evidence of gross contamination will be transported to the Hatco Site for management with other solid waste. In the event that excess soil and sediment cannot be returned to the original sample location within the wetland, Weston will backfill the borehole with clean soil and sediment retaining its original soil layers and restore the borehole to its pre-existing elevation.

#### **4.3 COMPLIANCE WITH THE LIMITS AND REQUIREMENTS PURSUANT TO N.J.A.C. 7:7A-5.7**

##### **4.3.1 Demonstration of Compliance with N.J.A.C. 7:7A-5.7 (a)**

The proposed Project is in compliance with the conditions set forth in the general permit itself as

demonstrated in Section 4.2 above.

The proposed Project is in compliance with the conditions that apply to all general permits set forth at N.J.A.C. 7:7A-5.7 (b) as demonstrated in Section 4.3.2 below.

The proposed Project is in compliance with the conditions that apply to all permits at N.J.A.C. 7:7A-20.2 as demonstrated in Section 4.4 below.

The proposed Project is in compliance with the additional conditions at N.J.A.C. 7:7A-5.7 (f) as demonstrated in Section 4.2.6 below.

The proposed Project does not require multiple general permits or general permits-by-certification and does not require mitigation.

#### **4.3.2 Demonstration of Compliance with N.J.A.C. 7:7A-5.7 (b)**

The proposed activities to be performed for the Project will be associated with the Project as described in Section 3.0 above for the Project Site. There is no public water supply intake in the vicinity of the Project Site.

Based on review of the NJDEP Landscape Project Database, the State special concern little blue heron (*Egretta caerulea*) and snowy egret (*Egretta thula*) may be present in the vicinity of the Project Site. A request was submitted to the NJDEP Natural Heritage Program (NHP) on July 20, 2020. A response was received on August 14, 2020, which has been uploaded to the Department's submission service.

The Rare Wildlife Species or Wildlife Habitat database report provided by the NJDEP NHP on August 14, 2020 for the Project Site lists the following species as having been recorded on the Project Site and/or within one mile of the Project Site: the state-endangered northern harrier (*Circus cyaneus*), peregrine falcon (*Falco peregrinus*), and death-camou (*Zigadenus leimanthoides*); the state-threatened cattle egret, osprey, and yellow-crowned night-heron (*Nyctanassa violacea*); and the state-special concern glossy ibis (*Plegadis falcinellus*), little blue heron, and snowy egret.

The proposed Project will not destroy, jeopardize, or adversely modify a present or documented

habitat for threatened or endangered species and will not jeopardize the continued existence of any local population of a threatened or endangered species as the boreholes will be restored to their pre-existing elevation with original soil layers.

There are no rivers designated as wild and scenic under the Federal or State Wild and Scenic River System in the vicinity of the Project Site. In addition, there are no rivers officially designated by Congress or the State Legislature as a “study river” for possible inclusion in either system in the vicinity of the Project Site.

The Project Site is not listed on the New Jersey and National Register of Historic Places. Therefore, the proposed Project is not anticipated to adversely affect properties which are listed or are eligible for listing on the New Jersey or National Register of Historic Places.

The proposed Project will not result in the discharge of dredged or fill material into freshwater wetlands or transition areas. All contaminated waste derived from the Project (i.e., soil, sediment, and decontamination waters) will be handled and disposed of in accordance with applicable Federal and State requirements as described in Section 3.0 above.

No structures or soil stockpiles will be required during the Project.

The proposed Project will not result in a violation of the FHA Control Act as the Project will be performed in compliance with the FHA Permit-by-rule 44 as noted in Section 1.0 above.

The proposed Project does not meet the definition of “major development” at N.J.A.C. 7:8-1.2. Therefore, the Project does not need to comply with the Stormwater Management Rules at N.J.A.C. 7:8.

As noted above, all contaminated waste derived from the Project (i.e., soil, sediment, and decontamination waters) will be handled and disposed of in accordance with applicable Federal and State requirements at an acceptable disposal facility.

The proposed Project will not involve the placement of rip-rap.

During Project activities, best management practices (BMP) as described in Section 3.0 above will be followed. Specifically, the field sampling methods and procedures will be consistent with the

Tech Rules and the NJDEP *Field Sampling Procedures Manual* (August 2005) and its updates.

The proposed Project activities are not subject to the NJDEP Water Quality Management Planning rules at N.J.A.C. 7:15.

Based on review of the NJDEP Landscape Project Database, the streams within the Project Site are classified as freshwater, non-trout saline waters of estuaries (FW2-NT/SE1). Allowable uses in SE1 waterbodies include:

- Shellfish harvesting in accordance with N.J.A.C. 7:12;
- Maintenance, migration and propagation of the natural and established biota;
- Primary contact recreation; and
- Any other reasonable uses.

The timing requirements at N.J.A.C. 7:7A-5.7 (c) are not applicable to the Project as the Project Site streams are non-trout waters which lack general game fish and do not support pickerel or walleye.

Based on review of the NJDEP Landscape Project Database, the Project Site is not located within a vernal habitat or in a transition area adjacent to a vernal habitat.

#### **4.3.3 Demonstration of Compliance with N.J.A.C. 7:7A-5.7 (c)**

As noted above, the timing restrictions of this Section are not applicable as the Project as the Project Site streams are non-trout waters which lack general game fish and do not support pickerel or walleye.

#### **4.3.4 Demonstration of Compliance with N.J.A.C. 7:7A-5.7 (d)**

The Project does not require that the NJDEP reduce, extend, or otherwise modify the timing restriction listed in Table 5.7 of N.J.A.C. 7:7A-5.7 (c).

#### **4.3.5 Demonstration of Compliance with N.J.A.C. 7:7A-5.7 (e)**

The Project will not take place in a non-delegable water and will not require approval from the United States Army Corps of Engineers (USACE) under the Federal 404 program.

#### **4.3.6 Demonstration of Compliance with N.J.A.C. 7:7A-5.7 (f)**

The proposed Project will comply with any additional conditions in a specific authorization to a general permit in accordance with N.J.A.C. 7:7A-20.3 as established by the NJDEP.

#### **4.4 COMPLIANCE WITH THE CONDITIONS THAT APPLY TO ALL PERMITS (N.J.A.C. 7:7A-20.2)**

The proposed Project will comply with the conditions set forth for the issuance of a FWW permit as set forth at N.J.A.C. 7:7A-20.2 (c).

#### **4.5 COMPLIANCE WITH THE ESTABLISHING PERMIT CONDITIONS (N.J.A.C. 7:7A-20.3)**

This compliance statement and overall application includes the information required for the proposed Project as set forth at N.J.A.C. 7:7A-20.3(b).

### **5.0 CONCLUSION**

Based on the above analyses, the proposed Project complies with the FWW Protection Act Rules at N.J.A.C. 7:7A-5.7, 7:7A-7.12, 7:7A-20.2, and 7:7A-20.3. The purpose of the Project is to better define the extent of SVOC and PCB contamination in deeper zones of the Channel D-Crows Mill Creek area in support of future remedial activities. Soil and sediment sampling activities will be performed to minimize the impact to the Project Site wetland to the maximum extent practicable. All boreholes will be backfilled to pre-existing elevations with cuttings, clean sand or bentonite chips. If grossly contaminated material is encountered, it will be drummed and disposed in accordance with its classification. The proposed Project will not alter the total area of wetlands or transition areas present in the Project Site.

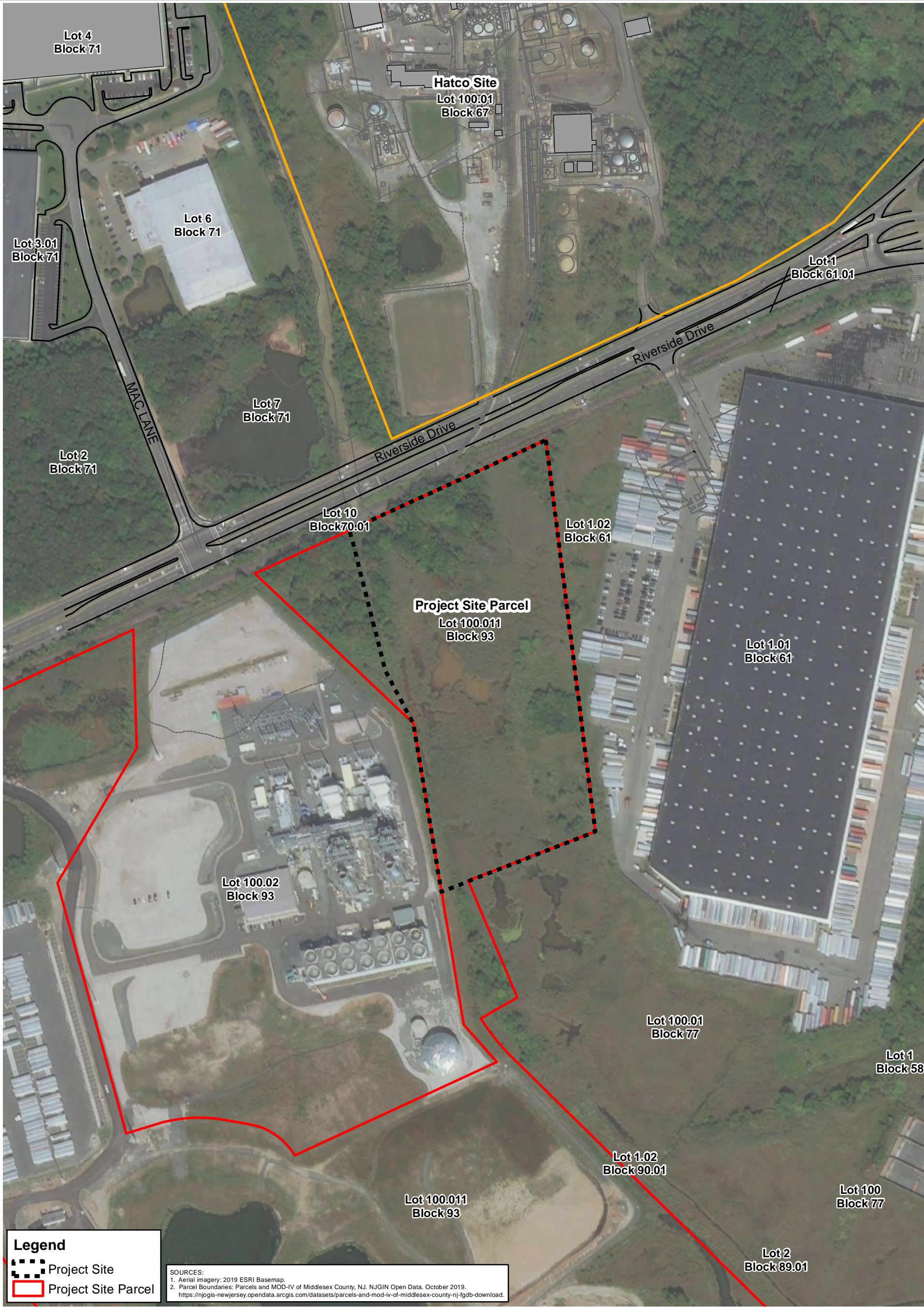
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**ATTACHMENT E**

**Site Maps**

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SCALE:  
  
0 125 250 500 Feet

PROJECT:  
Hatco AOC 25

CLIENT NAME:  
Weston Solutions, Inc.

TITLE:  

# Tax Map

DRAWING NUMBER:  
25441

FIGURE #:  
E-1

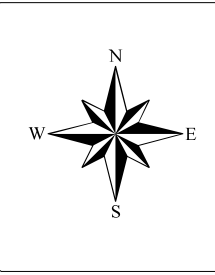
DRAWN BY:  
H. Bravo-Ruiz

REVIEWED BY:  
A. McGahan

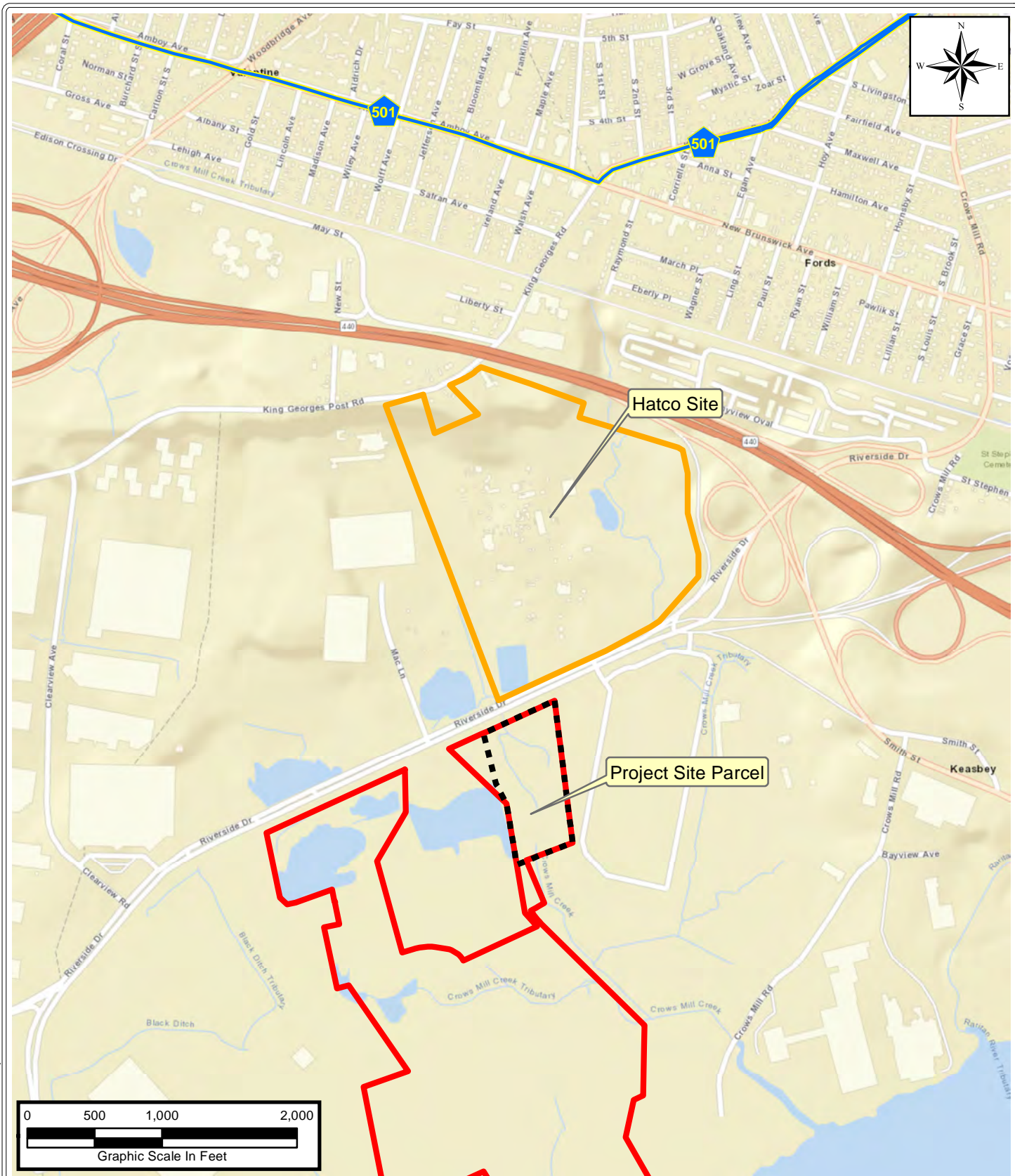
PROJECT MANAGER:  
J. Schindler

SCALE:  
1" = 250'

DATE:  
August 2020

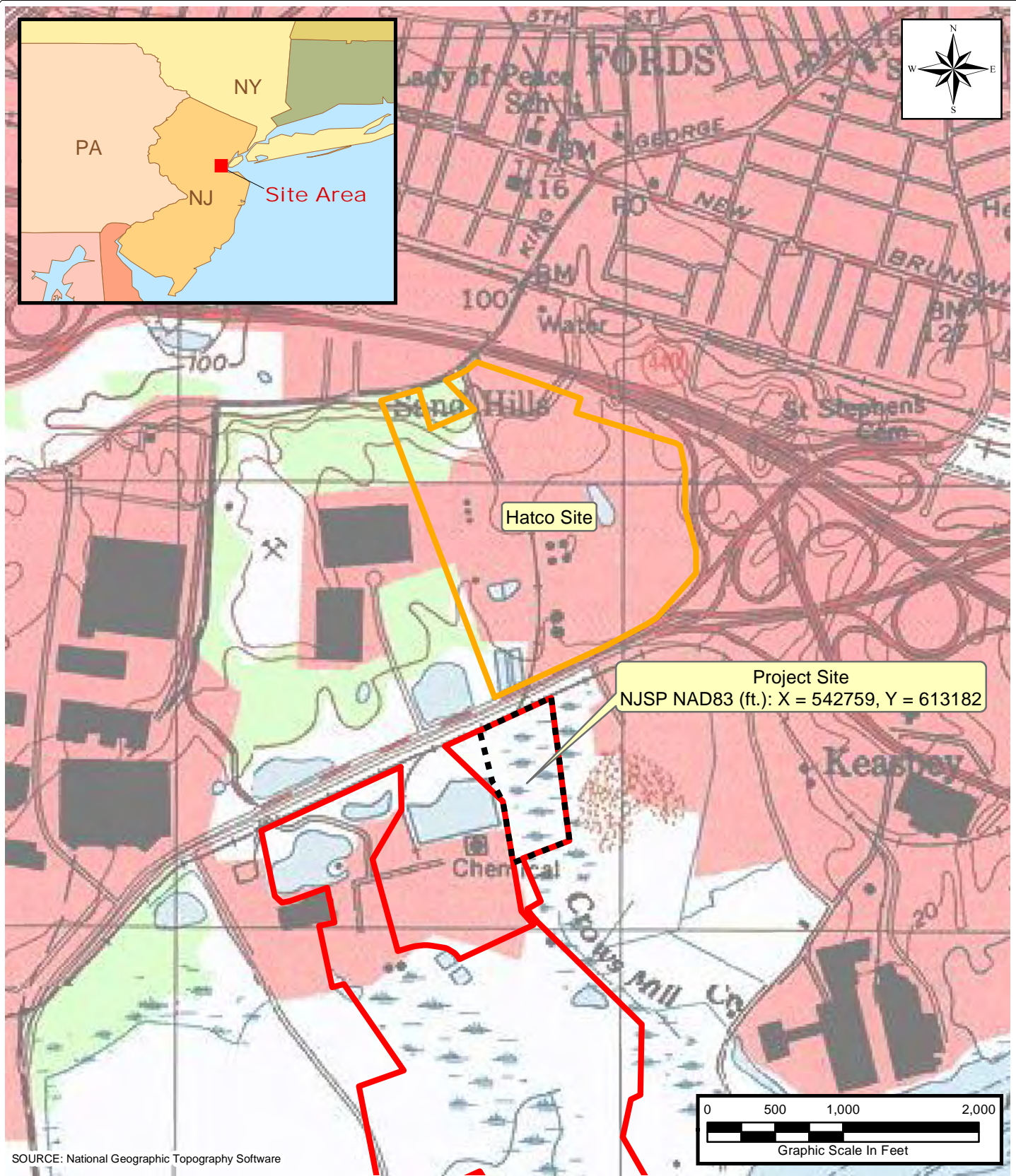






<b>LEGEND:</b> <div><div><div><div><div></div><div>County Road</div></div><div><div></div><div>Hatco Parcel Boundary</div></div><div><div></div><div>Project Site</div></div><div><div></div><div>Project Site Parcel</div></div></div></div></div>		<b>TITLE:</b> <div>County Road Map</div>	
<b>PROJECT:</b> <div>Hatco AOC 25</div>			
<b>CLIENT NAME:</b> <div>Weston Solutions, Inc.</div>		<b>DATE:</b> <div>August 2020</div>	<b>FIGURE #:</b> <div>E-2</div>





SOURCE: National Geographic Topography Software

LEGEND:

- Hatco Parcel Boundary
- Project Site
- Project Site Parcel

PROJECT:

Hatco AOC 25

CLIENT NAME:

Weston Solutions, Inc.

TITLE:

## USGS Quadrangle Map



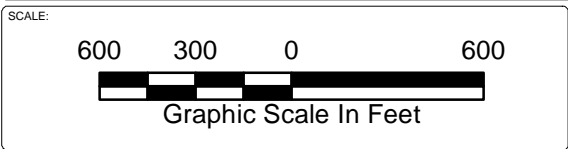
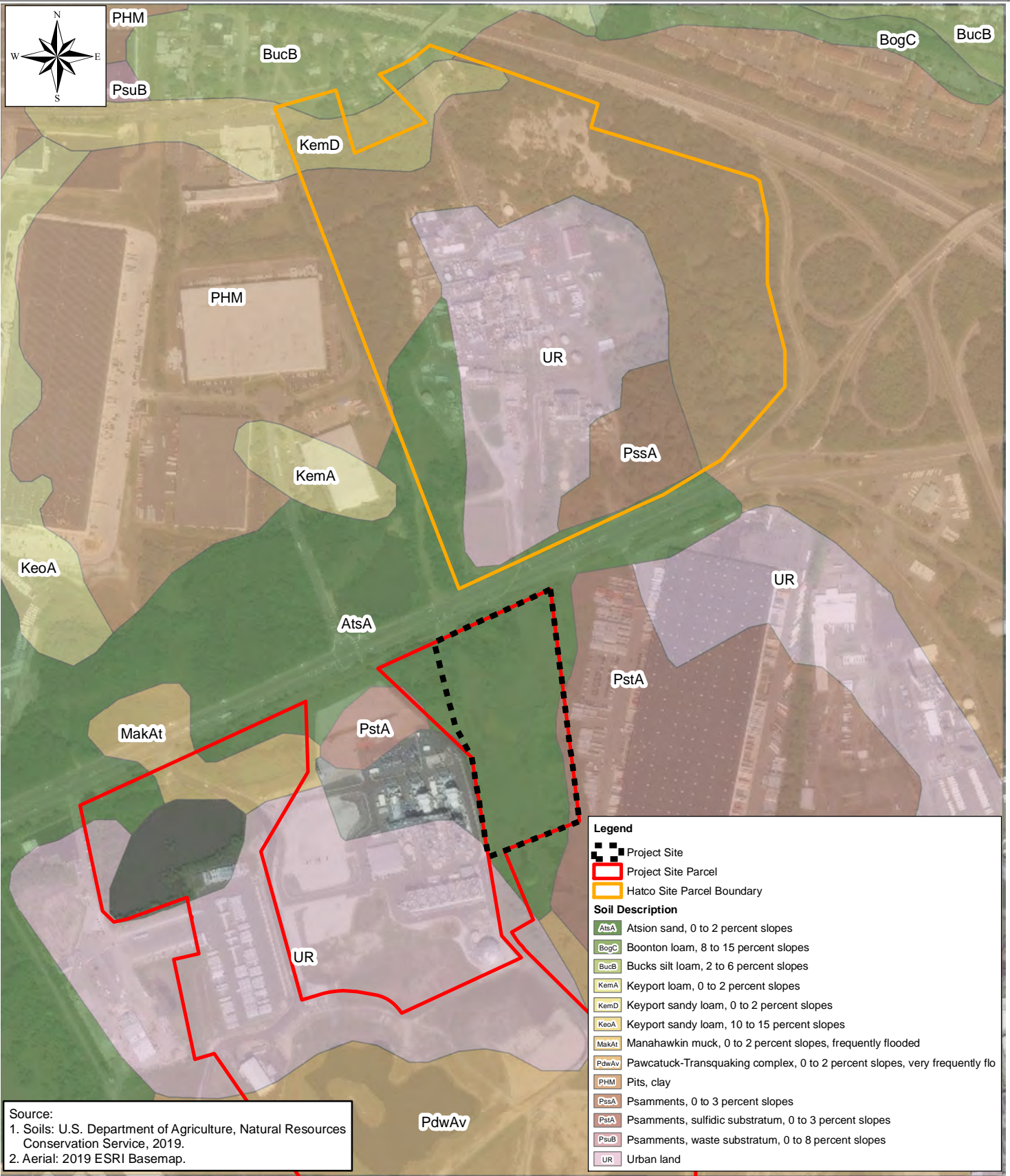
DATE:

August 2020

FIGURE #:

E-3





PROJECT: Hatco AOC 25

CLIENT NAME: Weston Solutions, Inc.

TITLE: **USDA SOILS MAP**

DATE: August 2020

FIGURE #: E-4

P:\Hatco\GIS\MXD\2017\_02\_SEL\_RAPR\19389\_Soils.mxd

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**ATTACHMENT F**

**Letter of Interpretation (LOI) Requirements**

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State of New Jersey  
Department of Environmental Protection

Revised: January 2019

Website: [www.nj.gov/dep/landuse](http://www.nj.gov/dep/landuse)



FRESHWATER WETLANDS PROTECTION ACT RULES

APPLICATION CHECKLIST

Letter of Interpretation: Line Verification

CALL NJDEP AT (609) 777-0454 IF YOU HAVE ANY QUESTIONS

To apply for a letter of interpretation, please submit the information below to:

**Postal Mailing Address**

NJ Department of Environmental Protection  
Division of Land Use Regulation  
P.O. Box 420, Code 501-02A  
Trenton, New Jersey 08625-0420  
**Attn: Application Support**

**Street Address (Courier & Hand Carry Only)**

NJ Department of Environmental Protection  
Division of Land Use Regulation  
501 East State Street  
Station Plaza 5, 2<sup>nd</sup> Floor  
Trenton, New Jersey, 08609  
**Attn: Application Support**

**Please note: If you apply for a letter of interpretation and a permit, authorization, or waiver at the same time, the application requirements may be combined.**

1. Completed application form; **N/A**

2. Documentation that notice of the application has been provided in accordance with N.J.A.C. 7:7A-17, as follows: **Provided in Attachment A to the overall application**

**Notice to municipal clerk (N.J.A.C. 7:7A-17.3(a))**

A copy of the entire application, as submitted to the Department, must be provided to the municipal clerk in each municipality in which the site is located.

i. Documentation of compliance with this requirement shall consist of a copy of the certified United States Postal Service white mailing receipt, or other written receipt, for each copy of the application sent.

**Notice to governmental entities and property owners (N.J.A.C. 7:7A-17.3(b) and (c))**

A brief description of the proposed project, a legible copy of the site plan, and the form notice letter described at N.J.A.C. 7:7A-17.3(e)1iii must be sent to the following recipients:

- A. The construction official of each municipality in which the site is located;
- B. The environmental commission, or other government agency with similar responsibilities, of each municipality in which the site is located;
- C. The planning board of each municipality in which the site is located;
- D. The planning board of each county in which the site is located;
- E. The local Soil Conservation District if the regulated activity or project will disturb 5,000 square feet or more of land; and

F. **Adjacent property owners:**

Unless the LOI is submitted with an application for a project listed at N.J.A.C. 7:7A-17.3(c)1-5 (which require different notice to property owners as described in the rules), notice shall be sent to all owners

of real property, including easements, located within 200 feet of the site of the proposed regulated activity.

The owners of real property, including easements, shall be those on a list that was certified by the municipality, with a date of certification no more than one year prior to the date the application is submitted.

ii. Documentation of compliance with this requirement shall consist of:

- A. A copy of the certified United States Postal Service white mailing receipt for each public notice that was mailed, or other written receipt; and
- B. A certified list of all owners of real property, including easements, located within 200 feet of the property boundary of the site (including name, mailing address, lot, and block) prepared by the municipality for each municipality in which the project is located. The date of certification of the list shall be no earlier than one year prior to the date the application is submitted to the Department.

iii. The form notice letter required under N.J.A.C. 7:7A-17.3(e)1iii shall read as follows:

*"This letter is to provide you with legal notification that an application for letter of interpretation <<has been/will be>> submitted to the New Jersey Department of Environmental Protection, Division of Land Use Regulation for the site shown on the enclosed plan(s). A brief description of the proposed project follows: <<INSERT DESCRIPTION OF THE SITE AND ANY PROPOSED PROJECT>>*

*The complete permit application package can be reviewed at either the municipal clerk's office in the municipality in which the site subject to the application is located, or by appointment at the Department's Trenton Office. The Department of Environmental Protection welcomes comments and any information that you may provide concerning the proposed development and site. Please submit your written comments within 15 calendar days of receiving this letter to:*

*New Jersey Department of Environmental Protection  
Division of Land Use Regulation  
P.O. Box 420, Code 501-02A  
Trenton, New Jersey 08625  
Attn: (Municipality in which the property is located) Supervisor"*

#### Newspaper Notice (N.J.A.C. 7:7A-17.4)

Please refer to this portion of the rules for guidance on providing newspaper notice for certain large scale linear, public, or commercial projects.

- 3. The appropriate application fee, as specified in N.J.A.C. 7:7A-18.1, in the form of a check (personal, bank, certified, or attorney), money order, or government purchase order:
  - i. If not located in the Pinelands Area, made payable to "Treasurer State of New Jersey"
  - ii. If located in the Pinelands Area, made payable to "NJDEP-Pinelands Wetlands Program."

**Bill Me Option Selected**

- 4. State plane coordinates in accordance with N.J.A.C. 7:7A-16.7(a) **Provided in Attachment E to the overall application**
  - i. If submitted with an application for a linear project of one-half mile or longer, include State plane coordinates at the endpoints of the project and State plane coordinates for points located at 1,000-foot intervals along the entire length of the project;
  - ii. If submitted with an application for a linear project of less than one-half mile in length, include State plane coordinates at the endpoints of the project;



iii. If submitting an application for only an LOI, or an LOI and any other project, State plane coordinates at the approximate center of the site (within 50 feet of the actual center).

**Provided in Attachment C to the overall application**

5. One set of color photographs showing a representative sample of the vegetation on the site or portion(s) of the site affected by the LOI application. Photographs must be mounted on 8½ -inch by 11-inch paper and accompanied by a map showing the location and direction from which each photograph was taken. Copies of photographs are acceptable provided they are color copies. Black and white copies of photographs are not acceptable.

6. Color copies of the following maps: **Provided in Attachment E to the overall application**

- i. The tax map for the property;
- ii. A copy of the portion of the county road map showing the property location;
- iii. A copy of the county soil survey map with the site clearly outlined; and
- iv. A copy of the USGS quad map(s) that include the site, with the site clearly outlined to scale.

7. Documentation of the name(s) and qualification(s) of the person(s) who prepared the application. For a Line Verification LOI, this includes the person who performed the delineation. **See Appendix A**

8. Data sheets for sample locations including: **See Appendix B**

- i. Soil borings: Soil logs describing the soil characteristics at the location of each soil boring, including a description of the field indicators, or lack thereof, for hydrology as outlined in the 1989 Federal manual;
- ii. Vegetation: A description of the vegetative species on the site recorded at each soil boring location classified using the United States Fish and Wildlife Service (USFWS) categories listed under "R/IND" and "NAT-IND" (Regional and National Indicators) columns in the "National Wetlands Plant List" and amendments thereto, compiled by the USFWS, United States Army Corps of Engineers, USEPA and the USDA's Natural Resources Conservation Service;

9. Survey: Five (5) folded copies of a topographical survey of the site; drawn at a scale of no more than 1 inch to 50 feet, certified in accordance with N.J.A.C. 7:7A-16.2(j), signed and sealed by a licensed surveyor pursuant to N.J.A.C. 13:40-7.2 through 7.4 and N.J.A.C. 7:7A-16.2(h) and 16.3(a)4, which:

- i. Includes the site boundaries (If applying for a line verification for an entire site) or identifies the portion of the site (which meets the requirements of N.J.A.C. 7:7A-4.5(b)2-3) subject to the verification
- ii. Proposed boundaries of all on-site wetlands, and/or State Open Waters plus all transition areas (boundary of transition area can be added prior to application or during review);
  - A. When delineating a State open water one to five feet in width measured from top of bank, with no wetland boundary, the delineation shall indicate the centerline of the State open water with several data points numbered and shown on the plans. When delineating a State open water that is greater than five feet in width, the delineation shall include two survey lines, with numbered points, depicting the top of bank on both sides of the State open water;
- iii. Depicts the flags or stakes identifying the boundaries in the field, sequentially numbered, and sequentially numbered line segments between each flag or stake;
- iv. Identifies the location and identifying number of each sample location described in item A above;
- v. Topographic contours as follows:
  - A. If the site is located in Middlesex County or Mercer County or anywhere north of these counties, the survey must show topographic contours at intervals of no more than five feet;
  - B. If the site is located south of Middlesex and Mercer Counties, the survey must show topographic contours at intervals of no more than two feet

vi. A digital copy, georeferenced in NAD 83, of any survey can also be provided in addition to the paper.  
**Provided in Attachment B to the overall application. Wetland map provided in Appendix C.**

10. Site requirements:

- i. Boundary Markers: The property boundaries and the proposed boundaries of all wetlands and/or open waters must be flagged and/or staked on the site as follows:
  - A. All flags and/or stakes must be present on the site prior to submission of the application to the Department;
  - B. The flags and/or stakes must be no more than 75 feet apart, must be set in relation to identifiable points and landmarks if possible and from each flag and/or stake you should be able to see the adjacent ones;
  - C. Each flag and/or stake must be uniquely (sequentially if possible) numbered and identified on the survey;
  - D. Flag and/or stakes shall be positioned so that they can be clearly visible at any time and any weather condition during the year, i.e. care should be taken so that flags and/or stakes are not positioned in a location likely to be covered by snow in the winter or overgrown in the summer.
  - E. Flags should not be tied to dead or annual vegetation.
- ii. Sample locations: All sample locations referenced in the data sheets must be clearly marked in the field.

11. Isolated wetland: If the applicant would like the Department to verify that a wetland is an isolated wetland, a request for that determination, and supporting documentation demonstrating that the wetland is isolated. For example, if inlets or pipes are present in the vicinity of the subject wetland, a map of the storm sewer system depicting the endpoint and invert elevations of the inlet or pipe.



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## **Appendix A**

### **Qualifications of Preparers**

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## JAMES SOUKUP, R.G., P.G., LSP

### Lead Hydrogeologist

#### Education

M.S., Hydrology – U. of Massachusetts

B.S., Water Resources – SUNY

B.S., Geology - SUNY

#### Credentials

Registered Geologist (CA)

Professional Geologist (NH)

Licensed Site Professional (MA)

#### Key Qualifications

- ▶ Over 35 years of experience as a hydrogeologist specializing in environmental investigation and remediation projects including groundwater/surface water interaction and habitat protection.
- ▶ Management of environmental projects from initial site assessments through site characterization and remediation, including chemical manufacturing; petrochemical; power utility and landfill projects for federal, state, and local government; as well as commercial clients.
- ▶ Design, installation, optimization and monitoring of groundwater extraction, recharge, and recirculation systems with capacities as high as 150 gpm.
- ▶ Design and implementation of innovative groundwater remediation projects including in situ chemical oxidation, in situ redox manipulation, enhanced in situ biodegradation, and monitored natural attenuation.
- ▶ More than 20 years of experience modeling groundwater flow and contaminant transport in support of environmental investigation and remediation projects.
- ▶ Extensive experience negotiating with federal and state regulatory agencies in the northeast and southwest United States.

#### Selected Relevant Project Experience

**Riparian Zone Monitoring Program Design and Implementation, Resolve Superfund Site, MA, Lead Hydrogeologist.** Designed and implemented a hydrologic and ecologic monitoring program for a brook and associated wetland area to document potential impacts due to remedial pumping. Utilized a network of 26 monitoring wells and 15 sample plots to evaluate impacts to indigenous flora and fauna in a wetland environment due to operation of a 50 gpm groundwater extraction system needed to control CVOCs. Data loggers were employed in the wells to continually assess hydraulic impacts from pumping. The sample plots were 1-meter square areas where soil moisture and biological population surveys were conducted quarterly to monitor ecological impacts. Lysimeters were used to measure soil moisture, and seepage meter/piezometer pairs were used to assess surface water interception. Data were presented in line graphs and scatter plots to illustrate trends and evaluate impacts. Groundwater contour maps were prepared using the elevation data from the monitoring wells and piezometers. Pumping rates were reduced during drought periods to minimize impacts to the riparian communities.

**Hydrogeologic Investigation, Former Manufacturing Site, Whittier, CA, Lead Hydrogeologist.** Designed and implemented a hydrogeo investigation to assess the source, extent, and impacts of CVOC contamination in groundwater at a former industrial site. The investigation included the installation and sampling of more than 20 monitoring wells. Seepage meters and piezometers were used to assess the mass flux associated with discharge of groundwater to a small stream and impacts to the riparian environment. Collected elevation and flux data were graphed and plotted on maps to develop groundwater contours depicting flow directions and contaminant migration pathways.

**Evaluation of Ecological Impacts on the Sudbury River, Nyanza Superfund Site, MA. Lead Hydrogeologist.** Developed and implemented a hydrogeologic investigation to assess the impact of contaminated groundwater on surface water and sediment quality in the Sudbury River. Temperature profiling, seepage meters, and piezometers were used to identify groundwater discharge zones along a 1-mile reach of the river downstream from the Site. Contaminant flux into the river was estimated from the

seepage meters, and pore water samplers were deployed in cooperation with the USGS to assess contaminant concentrations in the hyporheic zone. Worked with Wright State University to develop and implement in situ toxicity test chambers to evaluate impacts to benthic organisms in the hyporheic zone under natural conditions. The results of the study showed that certain metals present in groundwater caused toxicity to benthic organisms in groundwater discharge areas and mitigation was required.

**Ecological Risk Evaluation, Active Power Generation Plant, CT, Lead Hydrogeologist:** Coal tar deposits from historical use of the site as a manufactured gas plant has resulted cyanide and PAH contamination in groundwater discharging to a tidal creek and the harbor. Developed and implemented a hydrogeologic investigation to quantify groundwater discharge to the two adjacent water bodies. Seepage meters were deployed to measure contaminant flux rates and shallow piezometers were combined with elevation data from monitoring wells to construct contour maps to illustrate groundwater flow patterns. Data loggers were installed in monitoring wells to measure tidal influences and determine resulting variations in flow direction. Sediment and surface water samples were collected from the tidal creek and mudflats in the harbor to compare to ecological risk screening values for marine and freshwater systems. The study determined that ecological impacts to benthic organisms was likely in the tidal creek but not the mudflats. Designed a Baseline Ecological Risk Assessment that includes sampling of benthic organisms such as bivalves, snails and seaworms which will be implemented this summer.

*Qualifications Summary*

- 20+ years of experience providing leadership, direction, management and technical support for large-scale multidisciplinary projects of considerable size, scope and complexity across a variety of sectors including electrical transmission, power, oil and gas, government, transportation, water, energy, mining, infrastructure providers and developers.
- Consulting services have also included environmental permitting on the local, state and federal levels; FERC and NEPA compliance for linear transmission projects; coastal and freshwater wetland delineation, creation and restoration design, as well as mitigation and monitoring; threatened and endangered species investigations and surveys; and municipal planning projects including zoning, land use, coastal zone management, waterfront development, and socioeconomic analysis.
- Served on Regional and Executive Environmental Councils and has a significant amount of experience in dealing with federal, state and local government agencies.

**RYAN MERRITT, PWS, CE**

- **Federal/State/Local Environmental Permitting**
- **Wetlands, Habitat & Natural Resources**
- **Threatened & Endangered Species**

**Credentials**

Professional Wetland Scientist (PWS No. 2055)  
Certified Ecologist - Ecological Society of America (ESA)

**Education**

B.A., Biology - University of North Carolina at Wilmington

**Key Projects****Underground Transmission Line 705, Rockland County, NY, Confidential Utility Client, Environmental Permitting Task Lead**

– Providing support to the Project Manager on this on-going 5.5 mile underground electrical design, permitting, and construction oversight assignment between two substations in Rockland County, NY. The project has an accelerated schedule to meet the in-service date of Spring 2021. Providing input to the Team in the evaluation and technical review of potential alternate routes to save the client time and money during construction. Key tasks that Mr. Merritt will lead are wetland and stream delineation and reporting, habitat assessment and endangered & rare species, environmental permitting, and wetland flagging in support of the Article VII Application to the NYS PSC.

**Environmental Permitting and Associated Studies, Confidential Utility Client Northern New Jersey, Senior Environmental Scientist**

– Provided wetland delineation and permitting support to the client on various sites in northern New Jersey (Bergen County). Tasks also included habitat assessments and endangered & rare species studies, flood hazard area permitting (formerly stream encroachment), and plant surveys.

**Atlantic City Electric, Moss Mill Substation Permitting, Port Republic, New Jersey.**

Project Manager and preparer of CAFRA Individual Permit for the construction of the proposed Moss Mill Substation. Led pre-application meetings with NJDEP, performed pre-jurisdictional permit assessments, prepared the coastal zone compliance statement, and coordinated with USFWS, NHP, and other agencies to determine impacts from proposed construction on wetlands, RTE species, and waterbodies. He also performed barred owl and Cooper's hawk surveys, coordinated a rare plants survey, assisted in the preparation and review of stormwater plans, and supervised cultural resources Phase 1A and 1B surveys.

**Atlantic City Electric, Peermont Substation Expansion Permitting, Avalon, New Jersey.**

Project Manager and preparer of

**Key Projects (Continued)**

CAFRA IP for the proposed expansion of Peermont Substation in Avalon, New Jersey. Led pre-application meetings with NJDEP, performed pre-jurisdictional permit assessments, and coordinated with USFWS, NHP, and other agencies to determine impacts from proposed construction on wetlands, RTE species, and adjacent coastal waterbodies.

**Vegetation Management, Public Service Electric and Gas (PSE&G), New Jersey.** Program Manager providing environmental services for vegetation management of electrical transmission line right-of-ways throughout central and southern New Jersey. Primary tasks included performing wetland and riparian zone delineations in accordance with the New Jersey Freshwater Wetlands Protection Act Rules (N.J.A.C. 7:7A) and the Flood Hazard Area Control Act Rules (N.J.A.C. 7:13), preparing environmental reports describing and mapping wetland, riparian zone and endangered or threatened species constraints, and assisting with surveys for federal-listed plant species and preparing plant species inventory lists.

**PSE&G Electrical Distribution Permitting and Compliance Support, New Jersey.** Program Manager and permitting lead providing permit assessments, evaluations, and review for a number of proposed pole replacements and underground utility projects state-wide. Permitting assessments involved review and applicability of current PSEG freshwater wetland blanket permits, Flood Hazard Act applicability, width determination of riparian and wetlands transitional areas, presence of threatened and endangered species/habitat, and site contamination issues.

**South Jersey Gas, Rio Grande to Wildwood Pipeline, Middle Township, Lower Township and City of Wildwood, New Jersey.** Project Manager for the permitting of approximately 3 miles of new 12" steel pipeline operating at 125 psi from Route 9 in Rio Grande within the median along Route 47 into the City of Wildwood. The new pipeline tied into the South Jersey Gas existing 12" 125 psi main located on Route 9 near Linden Avenue. Approximately 1,200 linear feet was installed via a horizontal directional drill at Grassy Sound water crossing. The directional drill was sufficiently deep enough to avoid future exposure of the pipeline within the intracoastal waterway. Once within the limits of Wildwood the pressure was cut from 125 psi to 60 psi at a new regulator station. Tasks included wetland delineations of both coastal and freshwater wetlands for the entire right-of-way for the full length of the line, including evaluations of soils, vegetation, and hydrology as well as preparation and submittal of a Statewide Freshwater Wetlands Protection Act General Permit 2, Coastal Area Facility Review Act (CAFRA) and Waterfront Development application to the New Jersey Department of Environmental Protection's Division of Land Use Regulation.

**Conectiv Cumberland to Dennis, Multiple Locations, New Jersey.** Provided environmental services for the pole replacement and upgrade of existing 138 kV line to 230 kV. The line extended 20.5 miles from the Cumberland Substation in Millville to the Dennis Substation in Dennis Township. Tasks included wetland delineations of entire right-of-way for full length of the line including evaluations of soils, vegetation and hydrology in accordance with Pinelands requirements, oversight of threatened and endangered species surveys including field investigations of habitat types, determining potential for species on-site, assessment for specific species for the habitat, and delineation of the habitat areas. Surveys included floral, northern pine snake/timber rattlesnake, coopers hawk and red-shouldered hawk, and barred owl, and Environmental Impact Statement due to Wild and Scenic River Crossing.

**New Jersey Natural Gas Picatinny Arsenal, Rockaway Borough, Morris County, New Jersey.** Provided environmental permitting and soil management services for the installation of a gas distribution system at the Picatinny Arsenal in Rockaway Township. The scope of work consisted of obtaining applicable land use permits for the installation of approximately 96,000 feet of gas pipeline and providing soil management oversight throughout the duration of the project. Environmental permitting included preparation and submittal of a Statewide Freshwater Wetlands Protection Act General Permit 2 and Flood Hazard Area Control Act multi-permit application to the NJDEP Division of Land Use Regulation to obtain state authorization for the proposed regulated activities.



*Qualifications Summary*

- 5+ years of environmental consulting experience as a wetland biologist.
- Experiences include wetland and stream delineations; environmental permitting and monitoring; and site suitability assessments with a focus on renewable energy, electric generation, and natural gas projects primarily in NY and NJ.
- Extensive experience in technical report writing including wetland delineation reports, habitat assessment reports, and invasive species management plans.
- Consulting services have also included environmental permitting on the local, state and federal levels; including SEQR and NEPA compliance; wetland mitigation and monitoring; and threatened and endangered species investigations and surveys.

**JENNY POTRIKUS****Biologist****Credentials**

Wetland Professional in Training; Society of Wetland Scientists Professional Certification Program (2019)

Wetland Delineation Certificate Series; Rutgers University (2016)

**Education**

M.S., Conservation Biology – SUNY ESF (2015)

B.A., Biology - Binghamton University (2012)

**Key Projects**

**Closter Substation Off-Site Letter of Interpretation (LOI), Confidential Utility Client, Senior Scientist.** Lead a wetland delineation at the adjacent property to Closter Substation to assess the presence of wetlands and associated transition areas. Delineation was approved by the New Jersey Department of Environmental Protection through a Letter of Interpretation (LOI): Line Verification application. LOI approval from the NJDEP is valid for five years. The client will use this document in support of proposed upgrades at Closter Substation.

**Routing, Environmental Design, Permitting, and Construction Oversight, Underground Transmission Line 705, Rockland County, NY, Confidential Utility Client, Technical Staff.** Currently assisting the permitting tasks for a 5.5 mile underground transmission line under Article VII in upstate NY. Assist with route selection; environmental studies (wetland and stream delineation, Phase I ESA, cultural resources, geotechnical program, etc.); alternatives evaluation; Environmental Management & Construction Plan (EM&CP) development; local, state and federal permitting; public involvement; and construction oversight. Coordinated with the Rockland County Department of Health on required local permitting for performing soil borings within county roadways. Specific project activities include conducting wetland/stream delineation and habitat assessments, survey oversight, drafting Article VII Exhibits, and reviewing local, state and federal regulations.

**Bat Survey Services, Various Substations, NY and NJ, Confidential Utility Client, Technical Staff.** Assisted with survey services for federal-listed bat species at various substations in NY and NJ in support of tree removal efforts. Specific project activities include drafting bat survey work plans for each substation and consulting with the United States Fish and Wildlife Service on behalf of the client.

**Key Projects (Continued)**

**NEPA Support Services, Great Swamp National Wildlife Refuge, New Vernon, NJ, Confidential Utility Client, Technical Staff.** Weston is providing National Environmental Policy Act (NEPA) support services for a proposed transmission line crossing the Great Swamp National Wildlife Refuge and includes the preparation of Environmental Assessment (EA) document. The EA will address natural resources, socioeconomic issues, air quality, noise, and cultural resources and the potential impacts to the site resources. In coordination with the client and lead agency, Weston is supporting interagency coordination, scoping, and public outreach/engagement activities. Specific project activities include conducting field surveys and drafting EA sections related to existing natural resources and potential impacts.

**Proposed 35 Megawatt Solar Facility, Toms River, NJ, Confidential Utility Client, Technical Staff.** Responsible for drafting the required New Jersey Department of Environmental Protection (NJDEP) Coastal Area Facility Review Act (CAFRA) application in support of a proposed 35 MW solar facility. Tasks included assessing potential impacts to natural resources, cultural resources, surrounding visual and aesthetic character, and the public. Focus included assessing impacts to known populations of federal and/or state-listed species on site. Assisted with field efforts in support of application including wetland delineation and topographic surveys. Responsible for compiling entire application package and submitting public notices. The permit was issued by the NJDEP in December 2019.

*(projects completed with previous employer)*

**Environmental Monitoring and Permitting Compliance, Churubusco, NY, Confidential Utility Client, Technical Field Lead.** Project consisted of conducting annual monitoring at an operational wind farm to demonstrate compliance with state and federal permits. Tasks included wetland and stream surveys, invasive species assessments, and a mortality survey of over 3,000 planted trees and shrubs. Responsible for drafting the annual monitoring report submitted to the New York State Department of Environmental Conservation (NYSDEC) and U.S. Army Corps of Engineers (USACE). Coordinated with the NYSDEC and USACE to propose a permit modification to reduce monitoring efforts due to success of restoration activities.

**Upstate New York Solar Facilities, Upstate NY, Confidential Clients, Technical Staff.** Performed constraints analyses for several potential solar development sites in upstate NY. Responsible for assessing potential environmental constraints associated with the site including wetlands, streams, threatened and endangered species habitat, cultural resources, agricultural resources, and visual resources. Responsible for investigating anticipated local, state and federal permits associated with the site and solar development. Assisted with wetland and stream delineation efforts for the proposed solar facility projects. Completed the wetland delineation reports following surveys. Assisted with the New York State Department of Public Service (NYSDPS) Article 10 Application process for two proposed solar facilities in upstate NY.

**Vegetation Maintenance Oversight, NJ, Confidential Client, Technical Field Lead.** Responsible for delineating wetland and stream features along transmission rights-of-way (ROW) in NJ for annual vegetation maintenance. Assigned a ROW annually and completed wetland and stream delineations prior to maintenance work to comply with the NJDEP administered permits. Conducted environmental walk-throughs prior to maintenance with contractors. Performed weekly contractor oversight to ensure crews are complying with environmental regulations as stipulated in the NJDEP permits. Assisted with rare plant surveys along ROWs as requested, such as swamp pink (*Helonias bullata*) and rare violet (*Viola* sp.) surveys.

**Bayonne Energy Center, Bayonne, NJ, Technical Staff.** Assisted project manager (PM) in creating a permit application for an energy center located in Bayonne, NJ. Required NJDEP permits included a Waterfront Development Permit and Flood Hazard Area Individual Permit. Worked with the PM to complete the compliance chapters of the application for both permits. Required knowledge of the proposed work to determine if project activities would comply with all elements of the NJ Coastal Zone Management Rules (N.J.A.C. 7:7) and the Flood Hazard Area Control Act Rules (N.J.A.C. 7:13). The permit was issued by the NJDEP in May 2016.

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## **Appendix B**

### **Wetland Data Forms**

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**DATA FORM  
ROUTINE ONSITE DETERMINATION METHOD<sup>1</sup>**

Field Investigator(s): R. Merritt, J. Potrikus Date: 06/24/2020  
 Project/Site: Hatco AOC 25 State: NJ County: Middlesex  
 Applicant/Owner: Weston Solutions, Inc. Plant Community #/Name: W-01-Flag 17  
 Note: If a more detailed site description is necessary, use the back of data form or a field notebook.

Do normal environmental conditions exist at the plant community?  
 Yes ☒ No ☐ (If no, explain on back)  
 Has the vegetation, soils, and/or hydrology been significantly disturbed?  
 Yes ☐ No ☒ (If yes, explain on back)

**VEGETATION**

Dominant Plant Species	Indicator		Dominant Plant Species	Indicator	
	Status	Stratum		Status	Stratum
1. <u>Phragmites australis</u>	<u>FACW</u>	<u>Herb</u>	11. _____	_____	_____
2. <u>Osmunda cinnamomea</u>	<u>FACW</u>	<u>Herb</u>	12. _____	_____	_____
3. <u>Clethra alnifolia</u>	<u>FACW</u>	<u>Shrub</u>	13. _____	_____	_____
4. <u>Betula populifolia</u>	<u>FAC</u>	<u>Tree</u>	14. _____	_____	_____
5. <u>Nyssa sylvatica</u>	<u>FAC</u>	<u>Tree</u>	15. _____	_____	_____
6. _____	_____	_____	16. _____	_____	_____
7. _____	_____	_____	17. _____	_____	_____
8. _____	_____	_____	18. _____	_____	_____
9. _____	_____	_____	19. _____	_____	_____
10. _____	_____	_____	20. _____	_____	_____

Percent of dominant species that are OBL, FACW, and/or FAC 100  
 Is the hydrophytic vegetation criterion met? Yes ☒ No ☐

Rationale: \_\_\_\_\_  
 Passes dominance test

**SOILS**

Series/phase: Atsion sand, 0 to 2 percent slopes (AtsA) Subgroup: 2  
 Is the soil on the hydric soils list? Yes ☒ No ☐ Undetermined \_\_\_\_\_  
 Is the soil a Histosol? Yes ☐ No ☒ Histic epipedon present? Yes ☐ No ☒  
 Is the soil: Mottled? Yes ☒ No ☐ Gleyed? Yes ☐ No ☒  
 Matrix Color: 0-4": 10YR 3/1; 4-8": 10YR 4/1; 8-14": 10YR 3/2 Mottle Colors: 4-14": 10YR 3/2  
 Other hydric soil indicators: \_\_\_\_\_  
 Is the hydric soil criterion met? Yes ☒ No ☐  
 Rationale: \_\_\_\_\_  
 Mapped hydric soil with depleted matrix coloring. Meets S7 (Dark Surface) hydric soil indicator.

**HYDROLOGY**

Is the ground surface inundated? Yes ☐ No ☒ Surface water depth: \_\_\_\_\_  
 Is the soil saturated? Yes ☒ No ☐  
 Depth to free-standing water in pit/soil probe hole: 12 inches  
 List other field evidence of surface inundation or soil saturation.  
Standing/ponded water in other parts of wetland  
 Is the wetland hydrology criterion met? Yes ☒ No ☐  
 Rationale: \_\_\_\_\_  
Saturation and standing water present, both primary hydrology indicators

**JURISDICTIONAL DETERMINATION AND RATIONALE**

Is the plant community a wetland? Yes ☒ No ☐  
 Rationale for jurisdictional decision: \_\_\_\_\_  
Meets all three criteria

<sup>1</sup> This data form can be used for the Hydric Soil Assessment Procedure and the Plant Community Assessment Procedure.

<sup>2</sup> Classification according to "Soil Taxonomy."

**DATA FORM  
ROUTINE ONSITE DETERMINATION METHOD<sup>1</sup>**

Field Investigator(s): R. Merritt, J. Potrikus Date: 06/24/2020  
 Project/Site: Hatco AOC 25 State: NJ County: Middlesex  
 Applicant/Owner: Weston Solutions, Inc. Plant Community #/Name: W-01-UPL-Flag 17  
 Note: If a more detailed site description is necessary, use the back of data form or a field notebook.

Do normal environmental conditions exist at the plant community?  
 Yes ☒ No ☐ (If no, explain on back)  
 Has the vegetation, soils, and/or hydrology been significantly disturbed?  
 Yes ☐ No ☒ (If yes, explain on back)

**VEGETATION**

Dominant Plant Species	Indicator		Dominant Plant Species	Indicator	
	Status	Stratum		Status	Stratum
1. <u>Parthenocissus quinquefolia</u>	<u>FACU</u>	<u>Vine</u>	11. _____	_____	_____
2. <u>Toxicodendron radicans</u>	<u>FAC</u>	<u>Vine</u>	12. _____	_____	_____
3. <u>Rubus allegheniensis</u>	<u>UPL</u>	<u>Shrub</u>	13. _____	_____	_____
4. <u>Clethra alnifolia</u>	<u>FACW</u>	<u>Shrub</u>	14. _____	_____	_____
5. <u>Vaccinium corymbosum</u>	<u>FACW</u>	<u>Shrub</u>	15. _____	_____	_____
6. <u>Poa sp.*</u>	<u>FACU</u>	<u>Herb</u>	16. _____	_____	_____
7. _____	_____	_____	17. _____	_____	_____
8. _____	_____	_____	18. _____	_____	_____
9. _____	_____	_____	19. _____	_____	_____
10. _____	_____	_____	20. _____	_____	_____

Percent of dominant species that are OBL, FACW, and/or FAC 50  
 Is the hydrophytic vegetation criterion met? Yes ☐ No ☒

Rationale: \_\_\_\_\_

Does not pass dominance test of >50% FAC, FACW, or OBL dominants (\*Assumed FACU or drier)

**SOILS**

Series/phase: Atsion sand, 0 to 2 percent slopes (AtsA) Subgroup: 2

Is the soil on the hydric soils list? Yes ☒ No ☐ Undetermined ☐

Is the soil a Histosol? Yes ☐ No ☒ Histic epipedon present? Yes ☐ No ☒

Is the soil: Mottled? Yes ☐ No ☒ Gleyed? Yes ☐ No ☒

Matrix Color: 0-4": 10YR 4/1; 4-10": 10YR 5/4; 10-18": 10YR 6/2 Mottle Colors: N/A, no mottling

Other hydric soil indicators: \_\_\_\_\_

Is the hydric soil criterion met? Yes ☐ No ☒

Rationale: \_\_\_\_\_

Sample station located on slope of upland berm

**HYDROLOGY**

Is the ground surface inundated? Yes ☐ No ☒ Surface water depth: \_\_\_\_\_

Is the soil saturated? Yes ☐ No ☒

Depth to free-standing water in pit/soil probe hole: N/A, groundwater not encountered

List other field evidence of surface inundation or soil saturation. \_\_\_\_\_

Is the wetland hydrology criterion met? Yes ☐ No ☒

Rationale: \_\_\_\_\_

No indicators of hydrology observed. Upland berm constructed within wetland.

**JURISDICTIONAL DETERMINATION AND RATIONALE**

Is the plant community a wetland? Yes ☐ No ☒

Rationale for jurisdictional decision: \_\_\_\_\_

None of the three wetland criteria are met.

<sup>1</sup> This data form can be used for the Hydric Soil Assessment Procedure and the Plant Community Assessment Procedure.

<sup>2</sup> Classification according to "Soil Taxonomy."



**DATA FORM**  
**ROUTINE ONSITE DETERMINATION METHOD<sup>1</sup>**

Field Investigator(s): R. Merritt, J. Potrikus Date: 06/24/2020  
Project/Site: Hatco AOC 25 State: NJ County: Middlesex  
Applicant/Owner: Weston Solutions, Inc. Plant Community #/Name: W-01-Flag 42  
Note: If a more detailed site description is necessary, use the back of data form or a field notebook.

Do normal environmental conditions exist at the plant community?  
Yes ☒ No ☐ (If no, explain on back)  
Has the vegetation, soils, and/or hydrology been significantly disturbed?  
Yes ☐ No ☒ (If yes, explain on back)

**VEGETATION**

Dominant Plant Species	Indicator		Dominant Plant Species	Indicator	
	Status	Stratum		Status	Stratum
1. <u>Phragmites australis</u>	<u>FACW</u>	<u>Herb</u>	11. _____	_____	_____
2. <u>Solidago gigantea</u>	<u>FACW</u>	<u>Herb</u>	12. _____	_____	_____
3. <u>Populus nigra</u>	<u>ND</u>	<u>Tree</u>	13. _____	_____	_____
4. _____	_____	_____	14. _____	_____	_____
5. _____	_____	_____	15. _____	_____	_____
6. _____	_____	_____	16. _____	_____	_____
7. _____	_____	_____	17. _____	_____	_____
8. _____	_____	_____	18. _____	_____	_____
9. _____	_____	_____	19. _____	_____	_____
10. _____	_____	_____	20. _____	_____	_____

Percent of dominant species that are OBL, FACW, and/or FAC <sup>67</sup> \_\_\_\_\_  
Is the hydrophytic vegetation criterion met? Yes ☐ No ☒

Rationale: \_\_\_\_\_  
Passes dominance test

**SOILS**

Series/phase: Atsion sand, 0 to 2 percent slopes (AtsA) Subgroup: 2  
Is the soil on the hydric soils list? Yes ☒ No ☐ Undetermined \_\_\_\_\_  
Is the soil a Histosol? Yes ☐ No ☒ Histic epipedon present? Yes ☐ No ☒  
Is the soil: Mottled? Yes ☐ No ☒ Gleyed? Yes ☐ No ☒  
Matrix Color: 0-10": 10YR 3/3; 10-18": 10YR 3/4 Mottle Colors: \_\_\_\_\_  
Other hydric soil indicators: \_\_\_\_\_  
Is the hydric soil criterion met? Yes ☒ No ☐  
Rationale: \_\_\_\_\_  
Mapped hydric soil with depleted matrix coloring.

**HYDROLOGY**

Is the ground surface inundated? Yes ☐ No ☒ Surface water depth: \_\_\_\_\_  
Is the soil saturated? Yes ☐ No ☒  
Depth to free-standing water in pit/soil probe hole: N/A, groundwater not encountered  
List other field evidence of surface inundation or soil saturation.  
Water-stained leaves  
Is the wetland hydrology criterion met? Yes ☒ No ☐  
Rationale: \_\_\_\_\_  
Water-stained leaves is a primary hydrology indicator. Also passes FAC-neutral test

**JURISDICTIONAL DETERMINATION AND RATIONALE**

Is the plant community a wetland? Yes ☒ No ☐  
Rationale for jurisdictional decision: \_\_\_\_\_  
Meets all three criteria

<sup>1</sup> This data form can be used for the Hydric Soil Assessment Procedure and the Plant Community Assessment Procedure.

<sup>2</sup> Classification according to "Soil Taxonomy."

**DATA FORM  
ROUTINE ONSITE DETERMINATION METHOD<sup>1</sup>**

Field Investigator(s): R. Merritt, J. Potrikus Date: 06/24/2020  
 Project/Site: Hatco AOC 25 State: NJ County: Middlesex  
 Applicant/Owner: Weston Solutions, Inc. Plant Community #/Name: W-01-UPL-Flag 42  
 Note: If a more detailed site description is necessary, use the back of data form or a field notebook.

Do normal environmental conditions exist at the plant community?  
 Yes ☒ No ☐ (If no, explain on back)  
 Has the vegetation, soils, and/or hydrology been significantly disturbed?  
 Yes ☐ No ☒ (If yes, explain on back)

**VEGETATION**

Dominant Plant Species			Dominant Plant Species		
	Indicator	Stratum		Indicator	Stratum
Status			Status		
1. <u>Penstemon digitalis</u>	<u>FAC</u>	<u>Herb</u>	11. _____	_____	_____
2. <u>Cirsium arvense</u>	<u>FACU</u>	<u>Herb</u>	12. _____	_____	_____
3. <u>Alliaria petiolata</u>	<u>FACU</u>	<u>Herb</u>	13. _____	_____	_____
4. <u>Toxicodendron radicans</u>	<u>FAC</u>	<u>Vine</u>	14. _____	_____	_____
5. <u>Parthenocissus quinquefolia</u>	<u>FACU</u>	<u>Vine</u>	15. _____	_____	_____
6. <u>Ailanthus altissima</u>	<u>FACU</u>	<u>Tree</u>	16. _____	_____	_____
7. <u>Lonicera japonica</u>	<u>FACU</u>	<u>Vine</u>	17. _____	_____	_____
8. <u>Eupatorium serotinum</u>	<u>FAC</u>	<u>Herb</u>	18. _____	_____	_____
9. <u>Artemisia vulgaris</u>	<u>UPL</u>	<u>Herb</u>	19. _____	_____	_____
10. _____	_____	_____	20. _____	_____	_____

Percent of dominant species that are OBL, FACW, and/or FAC 33

Is the hydrophytic vegetation criterion met? Yes ☐ No ☒

Rationale: \_\_\_\_\_

Does not pass dominance test

**SOILS**

Series/phase: Atsion sand, 0 to 2 percent slopes (AtsA) Subgroup: 2

Is the soil on the hydric soils list? Yes ☒ No ☐ Undetermined ☐

Is the soil a Histosol? Yes ☐ No ☒ Histic epipedon present? Yes ☐ No ☒

Is the soil: Mottled? Yes ☐ No ☒ Gleyed? Yes ☐ No ☒

Matrix Color: 0-16": 10YR 6/4

Mottle Colors: N/A, no mottling

Other hydric soil indicators: \_\_\_\_\_

Is the hydric soil criterion met? Yes ☐ No ☒

Rationale: \_\_\_\_\_

Sample station located on upland mound with steep slopes to wetland

**HYDROLOGY**

Is the ground surface inundated? Yes ☐ No ☒ Surface water depth: \_\_\_\_\_

Is the soil saturated? Yes ☐ No ☒

Depth to free-standing water in pit/soil probe hole: N/A, groundwater not encountered

List other field evidence of surface inundation or soil saturation. \_\_\_\_\_

Is the wetland hydrology criterion met? Yes ☐ No ☒

Rationale: \_\_\_\_\_

No indicators of hydrology observed

**JURISDICTIONAL DETERMINATION AND RATIONALE**

Is the plant community a wetland? Yes ☐ No ☒

Rationale for jurisdictional decision: \_\_\_\_\_

None of the three wetland criteria are met.

<sup>1</sup> This data form can be used for the Hydric Soil Assessment Procedure and the Plant Community Assessment Procedure.

<sup>2</sup> Classification according to "Soil Taxonomy."

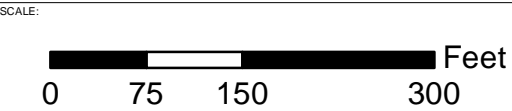
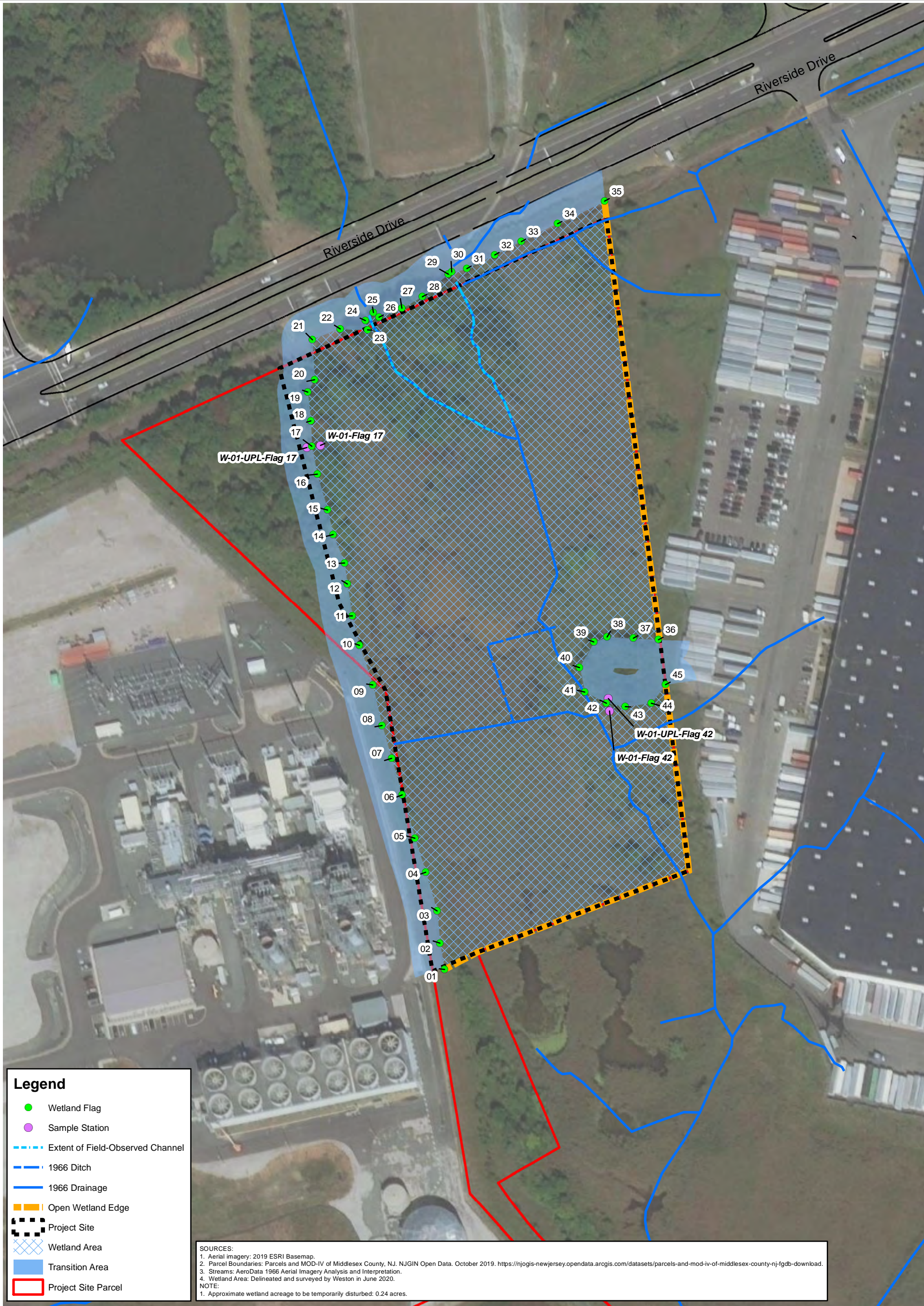
---

## **Appendix C**

### **Wetland Delineation Map**

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PROJECT: Hatco AOC 25

CLIENT NAME: Weston Solutions, Inc.

Wetland Delineation and Streams Map



DRAWING NUMBER:

FIGURE #:

H-1

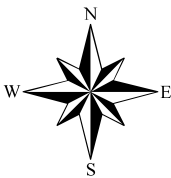
DRAWN BY: H. Bravo-Ruiz

REVIEWED BY: J. Potrikus

PROJECT MANAGER: J. Schindler

SCALE: 1" = 150'

DATE: November 2020





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**ATTACHMENT G**

**NJDEP Natural Heritage Program Consultation**

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## State of New Jersey

MAIL CODE 501-04

DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF PARKS & FORESTRY

NEW JERSEY FOREST SERVICE

OFFICE OF NATURAL LANDS MANAGEMENT

P.O. BOX 420

TRENTON, NJ 08625-0420

Tel. (609) 984-1339 Fax (609) 984-0427

PHILIP D. MURPHY

*Governor*

SHEILA Y. OLIVER

*Lt. Governor*

CATHERINE R. McCABE

*Commissioner*

August 14, 2020

Jennifer Potrikus  
Weston Solutions, Inc.  
205 Campus Drive  
Edison, NJ 08837

Re: Hatco AOC 25 Soil and Sediment Sampling  
Block(s) - 93, Lot(s) - 100.011 (part of 100.01)  
Woodbridge Township, Middlesex County

Dear Ms. Potrikus:

Thank you for your data request regarding rare species information for the above referenced project site.

Searches of the Natural Heritage Database and the Landscape Project (Version 3.3) are based on a representation of the boundaries of your project site in our Geographic Information System (GIS). We make every effort to accurately transfer your project bounds from the topographic map(s) submitted with the Natural Heritage Data Request Form into our Geographic Information System. We do not typically verify that your project bounds are accurate, or check them against other sources.

We have checked the Landscape Project habitat mapping and the Biotics Database for occurrences of any rare wildlife species or wildlife habitat on the referenced site. The Natural Heritage Database was searched for occurrences of rare plant species or ecological communities that may be on the project site. Please refer to Table 1 (attached) to determine if any rare plant species, ecological communities, or rare wildlife species or wildlife habitat are documented on site. A detailed report is provided for each category coded as 'Yes' in Table 1.

We have also checked the Landscape Project habitat mapping and Biotics Database for occurrences of rare wildlife species or wildlife habitat in the immediate vicinity (within ¼ mile) of the referenced site. Additionally, the Natural Heritage Database was checked for occurrences of rare plant species or ecological communities within ¼ mile of the site. Please refer to Table 2 (attached) to determine if any rare plant species, ecological communities, or rare wildlife species or wildlife habitat are documented within the immediate vicinity of the site. Detailed reports are provided for all categories coded as 'Yes' in Table 2. These reports may include species that have also been documented on the project site.

We have also checked the Landscape Project habitat mapping and Biotics Database for all occurrences of rare wildlife species or wildlife habitat within one mile of the referenced site. Please refer to Table 3 (attached) to determine if any rare wildlife species or wildlife habitat is documented within one mile of the project site. Detailed reports are provided for each category coded as 'Yes' in Table 3. These reports may include species that have also been documented on the project site.

For requests submitted in order to make a riparian zone width determination as part of a Flood Hazard Area Control Act (FHACA) rule application, we report records for all rare plant species and ecological communities tracked by the Natural Heritage Program that may be on, or in the immediate vicinity of, your project site. A subset of these plant species are also covered by the FHACA rules when the records are located within one mile of the project site. One mile searches for FHACA plant species will only report precisely located occurrences for those wetland plant species identified under the FHACA regulations as being critically dependent on the watercourse. Please refer to Table 3 (attached) to determine if any precisely located rare wetland plant species covered by the FHACA rules have been documented. Detailed reports are

provided for each category coded as 'Yes' in Table 3. These reports may include species that have also been documented on, or in the immediate vicinity of, the project site.

The Natural Heritage Program reviews its data periodically to identify priority sites for natural diversity in the State. Included as priority sites are some of the State's best habitats for rare and endangered species and ecological communities. Please refer to Tables 1, 2 and 3 (attached) to determine if any priority sites are located on, in the immediate vicinity, or within one mile of the project site.

A list of rare plant species and ecological communities that have been documented from the county (or counties), referenced above, can be downloaded from <http://www.state.nj.us/dep/parksandforests/natural/heritage/countylist.html>. If suitable habitat is present at the project site, the species in that list have potential to be present.

Status and rank codes used in the tables and lists are defined in EXPLANATION OF CODES USED IN NATURAL HERITAGE REPORTS, which can be downloaded from [http://www.state.nj.us/dep/parksandforests/natural/heritage/nhpcodes\\_2010.pdf](http://www.state.nj.us/dep/parksandforests/natural/heritage/nhpcodes_2010.pdf).

Beginning May 9, 2017, the Natural Heritage Program reports for wildlife species will utilize data from Landscape Project Version 3.3. If you have questions concerning the wildlife records or wildlife species mentioned in this response, we recommend that you visit the interactive web application at the following URL, <https://njdep.maps.arcgis.com/apps/webappviewer/index.html?id=0e6a44098c524ed99bf739953cb4d4c7>, or contact the Division of Fish and Wildlife, Endangered and Nongame Species Program at (609) 292-9400.

For additional information regarding any Federally listed plant or animal species, please contact the U.S. Fish & Wildlife Service, New Jersey Field Office at <http://www.fws.gov/northeast/njfieldoffice/endangered/consultation.html>.

PLEASE SEE 'CAUTIONS AND RESTRICTIONS ON NHP DATA', which can be downloaded from <http://www.state.nj.us/dep/parksandforests/natural/heritage/newcaution2008.pdf>.

Thank you for consulting the Natural Heritage Program. The attached invoice details the payment due for processing this data request. Feel free to contact us again regarding any future data requests.

Sincerely,



Robert J. Cartica  
Administrator

c: NHP File No. 20-4007453-19756



***Table 1: On Site Data Request Search Results (6 Possible Reports)***

<b><u>Report Name</u></b>	<b><u>Included</u></b>	<b><u>Number of Pages</u></b>
1. Possibly on Project Site Based on Search of Natural Heritage Database: Rare Plant Species and Ecological Communities Currently Recorded in the New Jersey Natural Heritage Database	No	0 pages included
2. Natural Heritage Priority Sites On Site	No	0 pages included
3. Rare Wildlife Species or Wildlife Habitat on the Project Site Based on Search of Landscape Project 3.3 Species Based Patches	Yes	1 page(s) included
4. Vernal Pool Habitat on the Project Site Based on Search of Landscape Project 3.3	No	0 pages included
5. Rare Wildlife Species or Wildlife Habitat on the Project Site Based on Search of Landscape Project 3.3 Stream Habitat File	No	0 pages included
6. Other Animal Species On the Project Site Based on Additional Species Tracked by Endangered and Nongame Species Program	No	0 pages included

<p><b>Rare Wildlife Species or Wildlife Habitat on the Project Site Based on Search of Landscape Project 3.3 Species Based Patches</b></p>
--

Class	Common Name	Scientific Name	Feature Type	Rank	Federal Protection Status	State Protection Status	Grank	Srank
<hr/>								
<i>Aves</i>								
	Cattle Egret	Bubulcus ibis	Foraging	3	NA	State Threatened	G5	S2B,S3N
	Glossy Ibis	Plegadis falcinellus	Foraging	2	NA	Special Concern	G5	S3B,S4N
	Little Blue Heron	Egretta caerulea	Foraging	2	NA	Special Concern	G5	S3B,S3N
	Snowy Egret	Egretta thula	Foraging	2	NA	Special Concern	G5	S3B,S4N



**Table 2: Vicinity Data Request Search Results (6 possible reports)**

<b><u>Report Name</u></b>	<b><u>Included</u></b>	<b><u>Number of Pages</u></b>
1. Immediate Vicinity of the Project Site Based on Search of Natural Heritage Database: Rare Plant Species and Ecological Communities Currently Recorded in the New Jersey Natural Heritage Database	Yes	1 page(s) included
2. Natural Heritage Priority Sites within the Immediate Vicinity	No	0 pages included
3. Rare Wildlife Species or Wildlife Habitat Within the Immediate Vicinity of the Project Site Based on Search of Landscape Project 3.3 Species Based Patches	Yes	1 page(s) included
4. Vernal Pool Habitat In the Immediate Vicinity of Project Site Based on Search of Landscape Project 3.3	No	0 pages included
5. Rare Wildlife Species or Wildlife Habitat In the Immediate Vicinity of the Project Site Based on Search of Landscape Project 3.3 Stream Habitat File	No	0 pages included
6. Other Animal Species In the Immediate Vicinity of the Project Site Based on Additional Species Tracked by Endangered and Nongame Species Program	No	0 pages included

**Immediate Vicinity of the Project Site**  
**Based on Search of Natural Heritage Database**  
**Rare Plant Species and Ecological Communities Currently Recorded in**  
**the New Jersey Natural Heritage Database**

Scientific Name	Common Name	Federal Protection Status	State Protection Status	Regional Status	Grank	Srank	Identified	Last Observed	Location
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***Vascular Plants***

Zigadenus leimanthoides	Death-camus		E	LP, HL	G4Q	S1	Y	1938-09-11	Sand Hills near Fords.
-------------------------	-------------	--	---	--------	-----	----	---	------------	------------------------

Total number of records: 1



<p align="center"><b>Rare Wildlife Species or Wildlife Habitat Within the Immediate Vicinity of the Project Site Based on Search of Landscape Project 3.3 Species Based Patches</b></p>
---

Class	Common Name	Scientific Name	Feature Type	Rank	Federal Protection Status	State Protection Status	Grank	Srank
<hr/>								
<i>Aves</i>								
	Cattle Egret	Bubulcus ibis	Foraging	3	NA	State Threatened	G5	S2B,S3N
	Glossy Ibis	Plegadis falcinellus	Foraging	2	NA	Special Concern	G5	S3B,S4N
	Little Blue Heron	Egretta caerulea	Foraging	2	NA	Special Concern	G5	S3B,S3N
	Northern Harrier	Circus cyaneus	Breeding Sighting	4	NA	State Endangered	G5	S1B,S3N
	Osprey	Pandion haliaetus	Foraging	3	NA	State Threatened	G5	S2B,S4N
	Osprey	Pandion haliaetus	Nest	3	NA	State Threatened	G5	S2B,S4N
	Snowy Egret	Egretta thula	Foraging	2	NA	Special Concern	G5	S3B,S4N
	Yellow-crowned Night-heron	Nyctanassa violacea	Foraging	3	NA	State Threatened	G5	S2B,S2N

***Table 3: Within 1 Mile for Riparian Zone Width Determination  
(6 possible reports)***

<b><u>Report Name</u></b>	<b><u>Included</u></b>	<b><u>Number of Pages</u></b>
1. Rare Plant Species Occurrences for Riparian Zone Width Determination (Flood Hazard Area Control Act Rule Application) - Within One Mile of the Project Site Based on Search of Natural Heritage Database	No	0 pages included
2. Natural Heritage Priority Sites for Riparian Zone Width Determination - Within One Mile of the Project Site	No	0 pages included
3. Rare Wildlife Species or Wildlife Habitat for Riparian Zone Width Determination - Within One Mile of the Project Site Based on Search of Landscape Project 3.3 Species Based Patches	Yes	1 page(s) included
4. Vernal Pool Habitat for Riparian Zone Width Determination - Within One Mile of the Project Site Based on Search of Landscape Project 3.3	No	0 pages included
5. Rare Wildlife Species or Wildlife Habitat for Riparian Zone Width Determination - Within One Mile of the Project Site Based on Search of Landscape Project 3.3 Stream Habitat File	No	0 pages included
6. Other Animal Species for Riparian Zone Width Determination - Within One Mile of the Project Site Based on Additional Species Tracked by Endangered and Nongame Species Program	No	0 pages included



<p><b>Rare Wildlife Species or Wildlife Habitat for Riparian Zone Width Determination</b></p> <p><b>Within One Mile of the Project Site</b></p> <p><b>Based on Search of Landscape Project 3.3 Species Based Patches</b></p>
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Class	Common Name	Scientific Name	Feature Type	Rank	Federal Protection Status	State Protection Status	Grank	Srank
<i>Aves</i>								
	Cattle Egret	Bubulcus ibis	Foraging	3	NA	State Threatened	G5	S2B,S3N
	Glossy Ibis	Plegadis falcinellus	Foraging	2	NA	Special Concern	G5	S3B,S4N
	Little Blue Heron	Egretta caerulea	Foraging	2	NA	Special Concern	G5	S3B,S3N
	Northern Harrier	Circus cyaneus	Breeding Sighting	4	NA	State Endangered	G5	S1B,S3N
	Osprey	Pandion haliaetus	Foraging	3	NA	State Threatened	G5	S2B,S4N
	Osprey	Pandion haliaetus	Nest	3	NA	State Threatened	G5	S2B,S4N
	Peregrine Falcon	Falco peregrinus	Urban Nest	4	NA	State Endangered	G4	S1B,S3N
	Snowy Egret	Egretta thula	Foraging	2	NA	Special Concern	G5	S3B,S4N
	Yellow-crowned Night-heron	Nyctanassa violacea	Foraging	3	NA	State Threatened	G5	S2B,S2N

**SUMMARY****Service Information**

**Service ID:** 1149366

**Service Type:** Apply for a Land Use Authorization or Permit - Land Use Authorization or Permit

**Service Name:** Hatco AOC 25

**Service Comments:** Weston Solutions, Inc. (Weston or the Applicant) is requesting a Freshwater Wetlands (FWW) General Permit (GP) 12 from the NJDEP for proposed soil and sediment sampling in a mapped wetland that is Hatco Area of Concern (AOC) 25, which is located on a portion of an offsite property known as Block 93 Lot 100.011, south of Riverside Drive in Woodbridge Township, Middlesex County, NJ (Project Site). The proposed action includes the collection of proposed soil and sediment samples from varying depths (including some greater than 3 feet) to facilitate remedial design for the Hatco site (Block 67 Lot 100.01). Hatco is an active chemical manufacturing plant (Project) and the work triggering this GP-12 permit requirement is a response to the detection of polychlorinated biphenyls (PCBs) and bis(2-ethylhexyl) phthalate (BEHP) in the offsite wetland. BEHP and PCB compounds were historically used or generated at the Hatco plant, although BEHP and PCBs are not unique to Hatco. The wetland is regulated pursuant to the FWW Protection Act Rules (N.J.A.C. 7:7A). In addition, soil and sediment samples are proposed within the 50-foot regulated riparian zone of Channel D and Crows Mill Creek. These riparian zones are regulated pursuant to the Flood Hazard Area (FHA) Control Act Rules (N.J.A.C. 7:13). The proposed Project complies with Permit-by-Rule 44 for surveying activities at N.J.A.C. 7:13-7.44. All soil and sediment sampling will be accomplished using hand-held equipment and no trees will be cleared, cut and/or removed in the riparian zones of the Project Site. Therefore, this Applicant requests approval from the NJDEP for the proposed Project under FWW Protection Act Rules only.

**Created On:** 11/25/2020

**Project Description**

Do you know what permit you are applying for?

**Yes**

**Project Description:**

Briefly describe the proposed activities to be conducted within areas regulated by the Division of Land Use Regulation (DLUR).

**Weston Solutions, Inc. (Weston or the Applicant) is requesting a FWW GP-12 from NJDEP for proposed soil and sediment sampling in a mapped wetland that is Hatco Area of Concern (AOC) 25, which is located on a portion of an offsite property known as Block 93 Lot 100.011, south of Riverside Drive in Woodbridge Township, Middlesex County, NJ (Project Site). The proposed action includes the collection of soil and sediment samples from varying depths (exceeding 3 ft) via hand-held equipment.**

Have any Land Use permits been issued for this site?

**Yes**

Please list all File Numbers:

File #
1225-02-0019.6 FWW 110003
1225-02-0016.4

Is the proposed project located in the Meadowlands District, the Highlands, or the Pinelands?

**No**



### Site Information

**Location Address:** Riverside Drive  
Woodbridge Twp,NJ 08832

**Location Description:** No location description provided.

**County:** Middlesex

**Municipality:** Woodbridge Twp

**Coordinates:** 542668.37,613440.37 - 01 - NJ State Plane (NAD83) - USFEET

**Block and Lot:**


Block	Lot	County	Municipality
93	100.011	Middlesex	Woodbridge Twp

### Permit Scope - General

Is the applicant or co-applicant a public entity?


**No**

### Stormwater


Does the entire proposed project meet the definition of a major development under the Stormwater Management rules at N.J.A.C. 7:8? 

**No**

### Permit Type Selection

Are you applying for a Coastal Permit? 

**No**

Are you applying for a Flood Hazard Permit and/or Verification? 

**No**

Are you applying for a Freshwater Wetlands Permit? 

**Yes**

### Permit Details - General

Is the applicant the sole owner of all properties, including easements and rights-of-way, where the project is proposed?

**No**

Have ALL owners of each property, including easements and rights-of-way, where the project is proposed signed a Property Owner Certification Form consenting to the construction of the project on their property?

**Yes**

### Gas Pipeline:

Does the proposed project include the construction of a gas pipeline?

**No**

### Watershed Management Area:

Enter the Watershed information for all watershed area(s) where the proposed project is located:

Watershed Management Area	Watershed	Sub-Watershed	Name	Class	Type
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Watershed Management Area	Watershed	Sub-Watershed	Name	Class	Type
Lower Raritan, South River, Lawrence Brook	Raritan R Lower (below Lawrence)	Red Root Creek / Crows Mill Creek	Uncoded Tributary	FW2-NT/SE1 (C1) sw/fw interface	Stream

### **Riparian Zone**

Is the proposed project located within 300 ft. of a regulated water body?

**Yes**

Is the proposed project located in a riparian zone as defined in the Flood Hazard Area Control Act Rules (N.J.A.C 7:13) or the Coastal Zone Management Rules (N.J.A.C 7:7)?

**Yes**

As accurately as possible, please select the width of the riparian zone.

**50 Feet**

Based on the estimated riparian zone width that you determined, specify the square footage of riparian zone vegetation that will be disturbed by the proposed project.

**7841 Sq. Ft. - 0.18 Acres**

Provide the name of the report and relevant page(s) documenting the proposed project's compliance with the "Requirements for a regulated activity in a riparian zone", in the Flood Hazard Area Control Rules.

Name of Report	Page #(s) in Report
Environmental Report with Site Location Maps	12-14

### **Site Plans Requiring Elevation Measurements**

Do the site plans reference the National Geodetic Vertical Datum of 1929 (NGVD29)?

**Yes**

### **Endangered and Threatened Species Evaluations**

Has an NJDEP, Office of Natural Lands Management, Natural Heritage Database data request response for endangered or threatened species of flora or fauna, including a landscape map report, been obtained for the proposed project?

**Yes**

Provide the page #(s) of the report that documents the required evaluation of the proposed project with respect to endangered and threatened species:

Name of Report	Page #(s) in Report
Environmental Report with Site Location Maps	12-14

### **Mitigation**

Does the proposed project require mitigation?

**No**

### **Conservation Restrictions**

Is any portion of the site subject to an existing conservation restriction?

**No**

### **Permit Scope - Freshwater**

Select all Permit Types that apply (Transition Area Waiver (TAW) types will be listed in a separate table):



Permit Type	Fee
GP12 Surveying/Investigating	\$1,000

Are there any Transition Area Waiver (TAW) types included in this application? **No**

### Permit Details - Freshwater

#### All FWW Applications

Has a Letter of Interpretation (LOI) been issued for the site?  
**No**

How many square feet of wetlands and/or State open waters currently exist on the property? **477417.6** Sq. Ft. - **10.96** Acres

#### All FWW GPs and IPs

What date did the current owner purchase the project site? **08/13/2002**

**Provide a history of the ownership of the property beginning June 30, 1988 to the present and a listing of contiguous lots that were in common ownership with the site where the activities are proposed. The history of ownership is requested here to establish the extent of the site and determine the Freshwater Wetlands Permitting history of the site.**

**In the table below, please provide the owner's name, current property use, and start and end dates of ownership (if currently owned, enter today's date for the end date). Please use a separate row for each successive owner, or to indicate when contiguous lots changed ownership. If the site has not been subdivided since June 30, 1988 or if no contiguous lots were owned by the applicant, enter 0 in the columns titled "Contiguous Blocks Same Owner" and "Contiguous Lots Same Owner."**

Name of Owner	Property Use	Contiguous		Start Date	End Date
		Block Same Owner	Lot Same Owner		
Nuodex, Inc.	Industrial	0	0	06/30/1988	07/28/1988
Huls America	Industrial	0	0	07/28/1988	06/25/1991
Tenneco Polymers	Industrial	0	0	06/25/1991	12/24/1996
EPEC Polymers	Industrial	0	0	12/24/1996	08/30/2000
Raritan Venture I, LLC	Industrial	0	0	08/30/2000	08/13/2002
EPEC Polymers, Inc.	Industrial	0	0	08/13/2002	

### All GP and IP Regulated Disturbances

#### GP12 Surveying/Investigating

For the specified permit, will the proposed activity involve any temporary regulated disturbances?  
**Yes**

Enter the total square footage of cleared and/or excavated wetlands, transition areas, and State Open Waters for this permit. Cleared and/or excavated wetlands, transition areas, and State Open Waters equate to a temporary disturbance. NOTE: Filled wetlands/transition areas/State Open Waters equate to a permanent disturbance and should be recorded in a separate table (below).

Temporary Disturbance Type	Sq. Ft.	Acres
Wetlands	10744.8	0.247
Transition Area	0	0

Temporary Disturbance Type	Sq. Ft.	Acres
State Open Water	0	0

For the specified permit, will the proposed activity involve any permanent regulated disturbances?

**No**

### Historic and Archaeologic Resources

Based on information included in this application or on historic mapping, does the project area contain known historic or archeological resources?

**No**

Is the project site larger than 20 acres, and does it include a permanent waterbody (e.g., a wetland, pond, lake, river, or perennial stream)?

**No**

Does the project site include buildings, structures, or ruins older than 50 years that may be affected by the proposed project?

**No**

Will the proposed project involve the construction, replacement, reconstruction, or rehabilitation of a bridge or culvert?

**No**

### All GP-Specific Information

### FWW Permit Summary

The following table tallies the disturbances and linear footages entered in response to questions in this service as well as the total acreage disturbed for previously approved permits based on data that resides in the Department's NJ Environmental Management System (NJEMS). Be advised that the total below may not contain all previous approvals that are maintained in the Department's legacy databases or in our existing database due to administrative error or incomplete information. The total amount of acreage disturbed from previous approvals will be confirmed by NJDEP staff upon review.

Permit Type	Allowable Limit Permanent Disturbance (acres)	Mitigation Trigger Limit (acres)	Allowable Linear Limit (feet)	Total Linear Feet	Total Temporary Disturbance (acres)	Total Permanent Disturbance (acres)
GP12 Surveying/Investigating					0.247	0
<b>Proposed Total for all Applicable GPs:</b> (Note: this totals the last column for all blue highlighted rows)						0
<b>GP Grand Total:</b> Subject to Allowable Disturbance Limits						0

### Contacts

**Name:** James Soukup  
**Title:** Technical Director  
**Contact Type:** Applicant  
**Organization Name:** Weston Solutions, Inc.  
**Organization Type:** Corporation



**E-Mail:** jim.soukup@westonsolutions.com  
**Phone:** (603) 656-5480 (Work Phone Number)  
**Contact Address:** 205 Campus Drive  
 Edison Twp (Middlesex), New Jersey 08837

**Name:** Brian Kellmann  
**Title:**  
**Contact Type:** Property Owner  
**Organization Name:** EPEC Polymers, Inc.  
**Organization Type:** Corporation  
**E-Mail:** Brian.kellmann@kindermorgan.com  
**Phone:** (713) 369-9000 (Work Phone Number)  
**Contact Address:** Two North Nevada  
 #940C, CO80903  
 Colorado Springs, Colorado 80944

**Name:** John Mitch  
**Title:** Municipal Clerk  
**Contact Type:** Municipal Clerk  
**Organization Name:** Woodbridge Township  
**Organization Type:** Municipal  
**E-Mail:** john.mitch@twp.woodbridge.nj.us  
**Phone:** (732) 602-6007 (Work Phone Number)  
**Contact Address:** Municipal Building  
 1 Main Street  
 Woodbridge Twp (Middlesex), New Jersey 07095

**Name:** James Soukup  
**Title:** Technical Director  
**Contact Type:** Agent  
**Organization Name:** Weston Solutions, Inc.  
**Organization Type:** Corporation  
**E-Mail:** jim.soukup@westonsolutions.com  
**Phone:** (603) 656-5480 (Work Phone Number)  
**Contact Address:** 205 Campus Drive  
 Edison Twp (Middlesex), New Jersey 08837

### Uploaded Attachments

Attachment Type	Attachment Description	File Name
Environmental Report with Site Location Maps	Environmental Report with Site Location Maps	Hatco AOC 25 GP-12 Attachment D.pdf
Site Plans	Site Plans	Hatco AOC 25 GP-12 Attachment B.pdf
Color Photos and Photo Location Map	Color Photos and Photo Location Map	Hatco AOC 25 GP-12 Attachment C.pdf
Public Notice Form	Public Notice Form	Hatco AOC 25 GP-12 Attachment A.pdf
Property Owners Certification Form	Property Owners Certification Form	Owners Certification.pdf
Engineering Report	Engineering Report	Hatco AOC 25 GP-12 Attachment E.pdf
Natural Heritage Program Letter	Natural Heritage Program Letter	Hatco AOC 25 GP-12 Attachment G.pdf
Environmental Report with Site Location Maps	Environmental Report with Site Location Maps	Hatco AOC 25 GP-12 Attachment F.pdf

### Certification

**Certifier:** Karen McGahan  
**Certifier ID:** KAMCGAHAN  
**Challenge/Response Question:** What is your all-time favorite sports team?

**Challenge/Response**       \*\*\*\*\*  
**Answer:**  
**Certification PIN:**       \*\*\*\*\*  
**Date/Time of**  
**Certification:**           12/02/2020 14:30

"I certify under penalty of law that I believe the information provided in this document is true, accurate, and complete. I am aware that there are significant civil and criminal penalties, including the possibility of fine or imprisonment or both, for submitting false, inaccurate or incomplete information."

Karen McGahan               12/02/2020  
**General**                   **Date**

### Fee Summary

### Freshwater Wetlands

Freshwater Wetlands - Permit/Fee Type	Fee
GP12 Surveying/Investigating	\$1,000

**Total Freshwater Wetlands Fees: \$1,000**

**Total Fees: \$1,000**

### Payment Information

**Status:**                       Paid  
**Confirmation Number(s):**   007192  
**Payment Amount:**           \$1,000.00  
**Payment Date:**               12/02/2020  
**Payment Method:**           Pay via Credit Card

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**Credit Card Service Fee:**       \$20.50  
**Total Amount Charged:**       \$1,020.50